LAMONT-DOHERTY SURVEY OF THE WORLD OCEAN

General Editor, Manik Talwani

Lamont-Doherty Geological Observatory of Columbia University
Palisades, New York 10964

Preliminary Report of Volume 26

U.S.N.S. ELTANIN
Cruises 51-55A
January 1972 - December 1972

PART A: NAVIGATION
PART B: BATHYMETRIC, GEOMAGNETIC, AND GRAVITY PROFILES
PART C: SEISMIC REFLECTION PROFILES

Dennis E. Hayes, Jeffrey Weissel, Thomas Aitken, Robert Houtz,
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Preface

The presentation of the geophysical data collected during ELTANIN Cruises 51-55A as a technical report represents the combined efforts of many individuals. The Lamont-Doherty geophysical program operated on board the ELTANIN under grants provided by the Office of Polar Programs of the National Science Foundation. The principal investigator on these grants was Dennis E. Hayes, and co-investigators were Robert Houtz, Walter C. Pitman, III, Manik Talwani, Anthony Watts and Jeffrey Weissel. Although the data collection, reduction and analysis has involved a close collaborative effort among all the Lamont-Doherty investigators, the following individuals have been primarily responsible for the programs of selected geophysical disciplines: Bathymetry, D. Hayes; Geomagnetics, W. Pitman, III; Gravity and Navigation, M. Talwani and A. Watts; Seismic Reflection, R. Houtz. John Ewing also served as a co-investigator on the early ELTANIN geophysics grants and his efforts have been instrumental in the establishment of a viable marine seismic program. In addition to the shipboard personnel (identified in the introduction) who collected this data, numerous individuals have made contributions toward the reduction of the geophysical data and the preparation of the report. The contributions of the following people are gratefully acknowledged:

Edith Edsall	Alice Lindsay	Steve Sagala	Jodi Shann
Alex Haran	Pat Palko	Michael Schneck	Michael Vogel
David Johnson	Jill Reid		

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INTRODUCTION

The purpose of this report is to present navigation, bathymetric, gravimetric, and geomagnetic data and seismic reflection profiles collected aboard U.S.N.S. ELTANIN during cruises 51-55A inclusive. These data and those obtained on other U.S.N.S. ELTANIN cruises constitute a significant portion of all existing marine geophysical measurements for high latitudes in the Southern Ocean. Portions of the data presented here have not yet been studied in detail, although many segments have been used in publications. A substantial effort on the part of many individuals has gone into the collection and reduction of approximately 40,000 nautical miles of data summarized here.

The main contents of the report: Introduction; PART A: Index maps and tabulations of navigational information; PART B: Profiles of topography, free-air gravity anomaly and total magnetic field intensity anomaly plotted against distance along the ship's track, and including time and navigation annotations; PART C: Time-distance correlations and seismic reflection profiles; APPENDIX: gravity base stations.

An index map shows the ship's track and indicates distance along the track by means of tick marks at intervals of 100 nautical miles. A second set of maps includes 100 mile tick marks and ticks and annotations of the time of the first position fix of each day. The latter maps are keyed to the index map and show short sections of tracks along

with selected isobaths from the maps of Hayes and Conolly (1972), Hayes and Davey (1975), Houtz et al. (1977), Scripps Institution of Oceanography, and the U. S. Navy Hydrographic Office. By using these maps and the lists of navigational data, the geophysical profiles and the seismic profiles may be easily cross-referenced.

The profiles of topography are plotted at a vertical exaggeration of 100:1. The units of depth used are nominal fathoms (1/400 sec reflection time). Residual geomagnetic anomalies are plotted in gammas (10^5 gammas = 1 Oersted). They are obtained by subtracting the regional magnetic field from the observations of the total magnetic field as described in the section on data reduction. Free-air gravity anomalies are plotted in milligals (1 mgal = 10^{-3} cm/sec^2). The topographic, geomagnetic, and gravity profiles are plotted with respect to distance, which is annotated at intervals of 200 nautical miles near the bottom of each profile. In addition, tick marks shown above the distance scale indicate the distance at which any change in course or speed occurred. The corresponding course and speed between changes and the coordinates at the points of change are annotated above the distance scale listings. Navigational changes which occur too frequently to be annotated in the space available are indicated only by tick marks. Numbered bold lines along the top of the gridded part of the page indicate ship's stations. Listings of the entire detailed navigation appear in Part A. The course and speed apply to the time interval following each entry. All times are Greenwich Mean Time (GMT).

Seismic profiler data are presented as reduced photocopies of the original recording. The vertical scales on the left side and right side of each page are seconds of two-way reflection time and nominal fathoms respectively and the approximate vertical exaggeration is 30:1. The true sediment thickness below the seafloor is a function of sediment velocity, which increases with depth and varies with the sediment type. If a constant sediment velocity of 2.0 km/sec is assumed, each second of reflection time represents one kilometer thickness. This assumed sediment velocity value provides a good approximation for the Pacific in the areas of thin sediment cover, but yields erroneously small thicknesses in some types of sediment (e.g., calcareous pelagics), and in thick or very old sediments (Ewing et al., 1969).

The time of day and ship's heading appear along the bottom of the profiler sections. The courses shown are courses steered as taken from shipboard logs. These courses generally do not agree precisely with the tabulated navigational data, which are based on the course and speed made good. Listings that correlate distance along track with dates and times are provided at the beginning of the section. Each fifth profiler sheet number appears at the top of the pages; the intervening sheets are bracketed by two black dots. Major time-breaks in the profiler records are indicated by slanted lines in the lower time scale. Double horizontal lines appear when the ship's heading changes too frequently to be conveniently annotated. Downward pointing arrows and numbers

preceded by the letter S indicate ship's stations. Expendable sonobuoy locations are identified by the letter R and a number on the profiler records.

Instrumentation

The Navy satellite navigation system (Guier, 1966) was used to obtain frequent and precise fixes. The ship's electromagnetic (E-M) log and gyrocompass were used to interpolate the ship's track between satellite fixes by employing the computer techniques of Talwani (1969). These interpolated ship positions should be generally accurate to better than 0.5 nautical mile, although errors of several nautical miles or more are possible for interpolated positions obtained under extremely unfavorable current conditions (Talwani et al., 1966b).

A 12 kHz transducer with an effective half angle of 30° was used with an Edo continuous recorder for the precision depth measurements. Relative depths can be resolved to about one fathom (1/400 sec of reflection time) in any depth in regions of low to moderate relief. Side echoes are common in areas of high relief and the resolution of small amplitude relief is extremely difficult in such areas. A 3.5 kHz hull-mounted transducer was installed just prior to cruise 48. This relatively low frequency sounding probe allows for up to 100 m of subseafloor penetration in areas where the seabottom is composed of unconsolidated sediments. The 3.5 kHz system serves as a high resolution, low penetration seismic reflection system and

has been invaluable as a guide for the selection of suitable piston coring locations and the areal extrapolation of results obtained from coring.

A Graf-Askania seagravimeter (Gss-2) mounted on an Anschutz gyro-stabilized platform was used for all gravity measurements. This system and associated analogue cross-coupling correction devices are described by Talwani (1970) and Talwani et al. (1966a). The absolute accuracy of the system under normal sea conditions in the open ocean is estimated at about $\pm$ 3 mgal as discussed by Talwani and Meijer (1972). The relative accuracy of measurements along tracks with constant heading and steady sea-state conditions is somewhat better.

A Varian proton precession magnetometer was used for all magnetic measurements. The instrument was towed approximately 800 ft. astern of the ship. The accuracy of this type of intrument has been discussed in many publications (e.g., Heirtzler, 1961; Bullard and Mason, 1963) and is generally accepted to be $\pm$ 10-15 gammas. Data were recorded continuously on an analogue strip chart recorder and also digitally on punched paper tape at a one minute sampling interval.

The sound source of the seismic profiling system was a free-firing (410 cm^3) airgun with a repetition rate of about 12 sec at 140 bars air pressure (Ewing and Zaunere, 1974). The signal was received by a towed hydrophone array, pre-amplified and fed into a two-channel drum recorder (Ewing and Tirey, 1961). The signal was recorded as variable-density profiles. An EPC continuous recorder with variable sweep times

was operated as an additional seismic recorder giving greater flexibility to our seismic display system. Inquiries concerning the EPC records from cruises 52 through 55A should be addressed to Robert Houtz of this institution.

Sonobuoys, which consist of an expendable spar buoy (from which hydrophones are suspended), amplifiers and an FM transmitter, were launched from the ship while underway at selected locations. The sonobuoy transmits any signals picked up by its hydrophones to the ship. The sound-source for this measurement technique is the airgun being towed by the ship. Since the distance between the sonobuoy and the ship is known precisely (from the arrival time of the water wave propagated within the surface sound channel), the variations in reflection times with increasing range can be used to compute sound velocity in the reflecting layers. Critical refractions are also obtained, and are used to compute thicknesses of the sedimentary and crustal layers.

The sonobuoy system on board consists of an FM receiver, whose output is available for making records. In our case the recordings are real time, variable-density plots. Permission to deploy sonobuoys from the ELTANIN was given by the Office of Naval Research, which had provided them for our program. Inquiries concerning sonobuoy data should be addressed to Robert Houtz of this institution.

Data Reduction

All bathymetric, gravimetric, magnetic, and navigational data were reduced with the aid of an IBM 1130 or PDP 11/70 digital computer with on-line Calcomp plotter. Although all final reduction of the underway data was completed at Lamont-Doherty, preliminary data reduction aboard ship was facilitated by the installation of an 1130 on ELTANIN at the beginning of cruise 40A. The entire data processing procedure including program listings is given in Talwani (1969) and is therefore outlined only briefly. The navigational information (time, latitude, longitude) is first put in digital form and stored in the computer. All time series data (depth, total magnetic field, gravity field) are then reduced in terms of geographic coordinates and distance along the tracks by interrogating the digitized navigation, using time as the independent variable.

The precision echograms from some of the cruises were digitized on a digitizing table at an irregular sampling interval of 1 to 15 minutes, depending on the roughness of the seafloor. Records from other cruises were digitized by hand at 5-minute intervals, which constitutes about one sounding per nautical mile. More detailed topographic relief cannot be usefully resolved on plots made at the scales presented here. Slope corrections have been made where possible, but the plotted soundings have not been corrected for variations of sound velocity in water. The latter corrections are of

the order of 100 fm in 3000 fm of water. The bathymetric reduction programs allow the user the option of applying sound velocity corrections according to the Matthews (1939) tables.

The gravity data were prepared for computer processing by digitizing analogue records which are the sum of the gravity beam trace and the calibrated cross-coupling correction. Data points were selected at unequal time intervals frequently enough (about 10 minutes) to describe the analogue trace. The geographic coordinates, track distances, Eötvos correction, and theoretical gravity (from the International Formula) were then computed, as before, using time as the independent variable.

The gravity system provides an independent check on the inferred east-west velocity of the ship (i.e., Eötvos effect). Considering this factor, the navigation was carefully edited before arriving at the final, internally consistent navigation. The shipboard observations were tied to known land-based gravity base stations at each port. Locations of gravity base stations in each port of call are given in the Appendix.

The magnetometer data were prepared for computer processing by either digitizing the analogue records or by using the carefully edited punched paper tape--depending on the quality of the respective records. The geographic coordinates and track distances were computed for each sampling point, again using the navigational data and

time as the independent variable. The regional field at each navigational point was determined, using a modified computer program of the Goddard Space Flight Center, which describes the IGRF 1965.0 (International Geomagnetic Reference Field) by spherical harmonics of degree and order 11 (IAGA, 1969). The regional field at each geomagnetic sample point was then obtained by linear interpolation of the field determined at navigation points. Since navigation points were rarely separated by more than a few hours (or a few tens of miles) and since spatial changes of the regional field are small over short distances, this approach introduces no significant error in the determination of the regional field at each individual sample point.

No indications have been given regarding magnetically quiet or disturbed days and no corrections have been applied for diurnal variations of the magnetic field. The latter variations are of the order of $\pm$ 50 gammas over 24 hours in the area of interest and would have long apparent wavelengths not likely to be confused with anomalies arising from sources in the earth's crust. Secular variations are effectively removed as part of the regional field by considering the time derivatives of the harmonic coefficients which define the regional field.

Parts of the bathymetric, geomagnetic, and seismic reflection data presented in this report have been utilized in several publications and in other works still in progress. We attach a bibliography of papers which have drawn on the vast library

of geophysical data acquired by ELTANIN. Data presented herein and other data collected by ELTANIN provided the principal scientific basis for the deep sea drilling program in the Antarctic waters.

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Lamont-Doherty Geological Observatory Personnel
Geophysics Party Aboard U.S.N.S. ELTANIN (Cruises 51-55A)

Cruise #51 - 17/I/72 to 25/II/72
Lyttelton, New Zealand to McMurdo Station, Antarctica

Biological Cruise, No L-DGO Personnel Aboard

Cruise #52 - 28/II/72 to 27/III/72
McMurdo Station, Antarctica to Lyttelton, New Zealand

Frederick Davey
*Robert Houtz
Konrad Kondratowicz
Paul O'Rourke
Richard Parkhurst
William Simacek

Cruise #53 - 10/IV/72 to 9/V/72
Lyttelton, New Zealand to Fremantle, Australia

*Thomas Aitken
Philip Hendershot
Konrad Kondratowicz
Paul O'Rourke
Richard Parkhurst
William Simacek

Cruise #54 - 20/VI/72 to 29/VII/72
Fremantle, Australia to Fremantle, Australia

Philip Hendershot
*Rudi Markl
Paul O'Rourke
Richard Parkhurst
William Simacek
David Woodroffe

Cruise #54A - 30/VII/72 to 23/VIII/72
Fremantle, Australia to Melbourne, Australia

Philip Hendershot
*Rudi Markl
Paul O'Rourke
Richard Parkhurst
William Simacek
David Woodroffe

Cruise #54B - 2/IX/72 to 7/IX/72
Melbourne, Australia to Newcastle, Australia

Philip Hendershot	Richard Parkhurst
*Rudi Markl	William Simacek
Paul O'Rourke	David Woodroffe

Cruise #55 - 27/X/72 to 12/XI/72
Newcastle, Australia to Melbourne, Australia

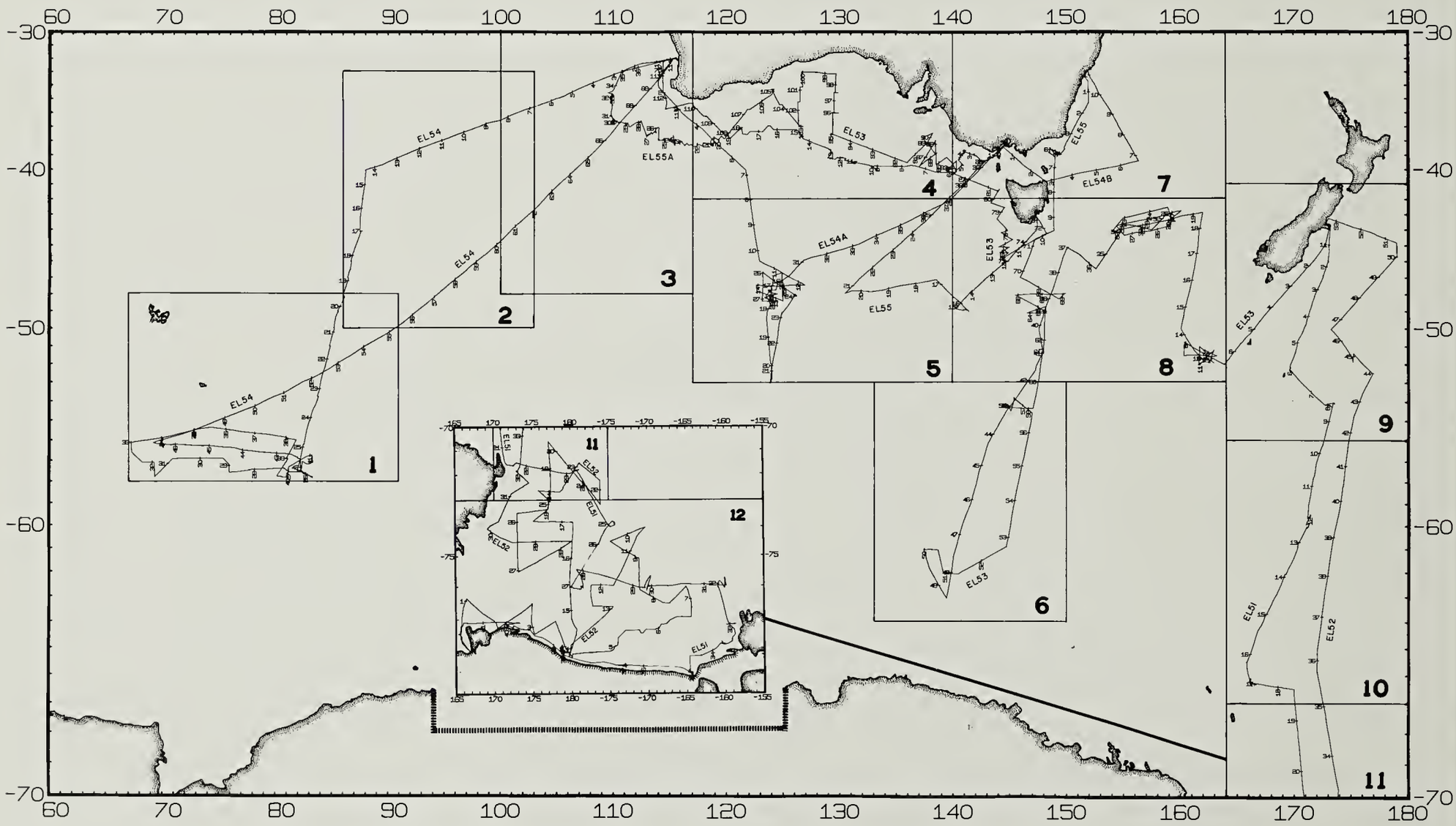
Dennis Denman	Paul O'Rourke
*Philip Hendershot	William Simacek
Eugene Lamar	

Cruise #55A - 2/XII/72 to 27/XII/72
Melbourne, Australia to Fremantle, Australia

Dennis Denman	Paul O'Rourke
*Philip Hendershot	William Simacek
Eugene Lamar	

*Party Chief

PART A - NAVIGATION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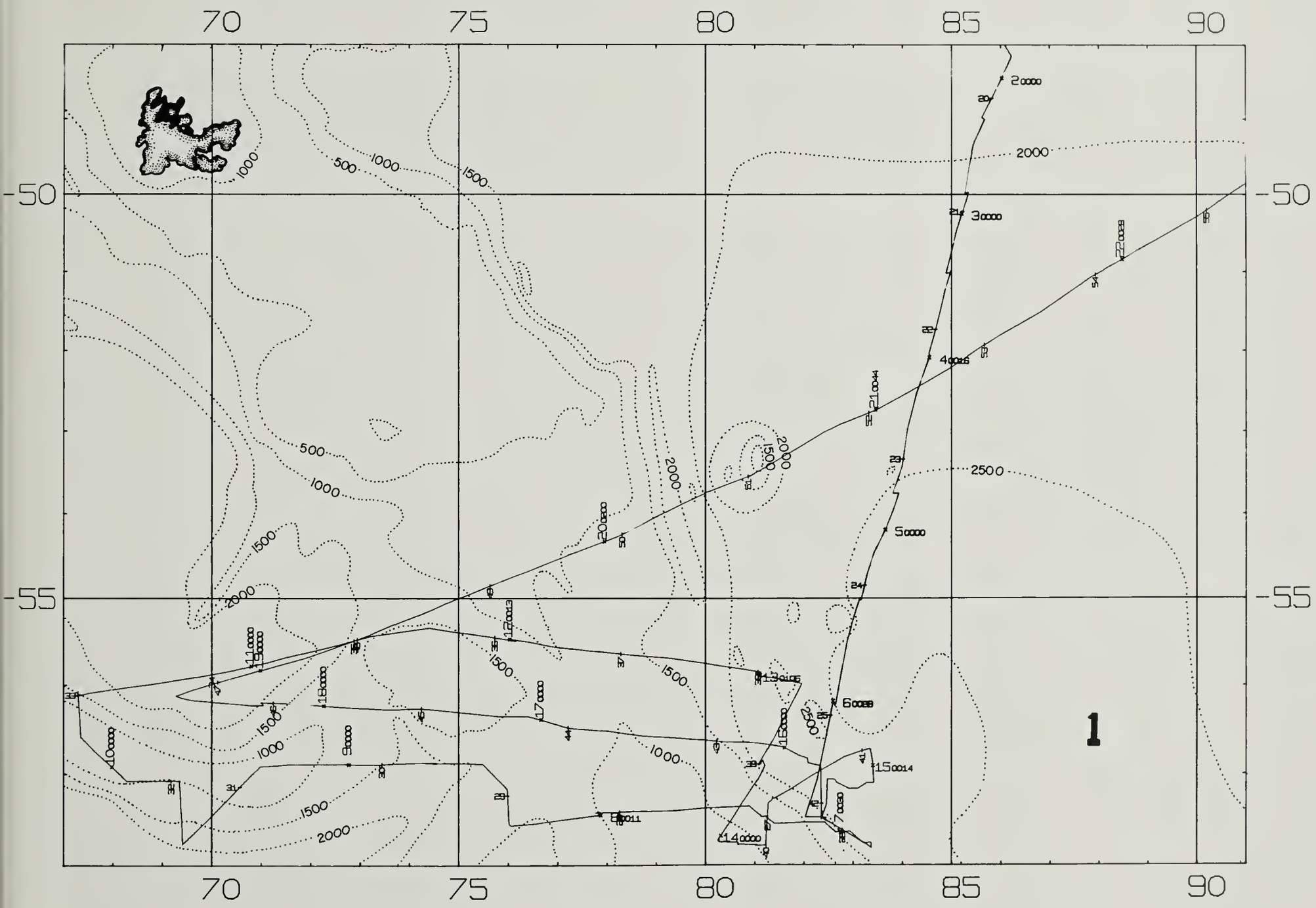
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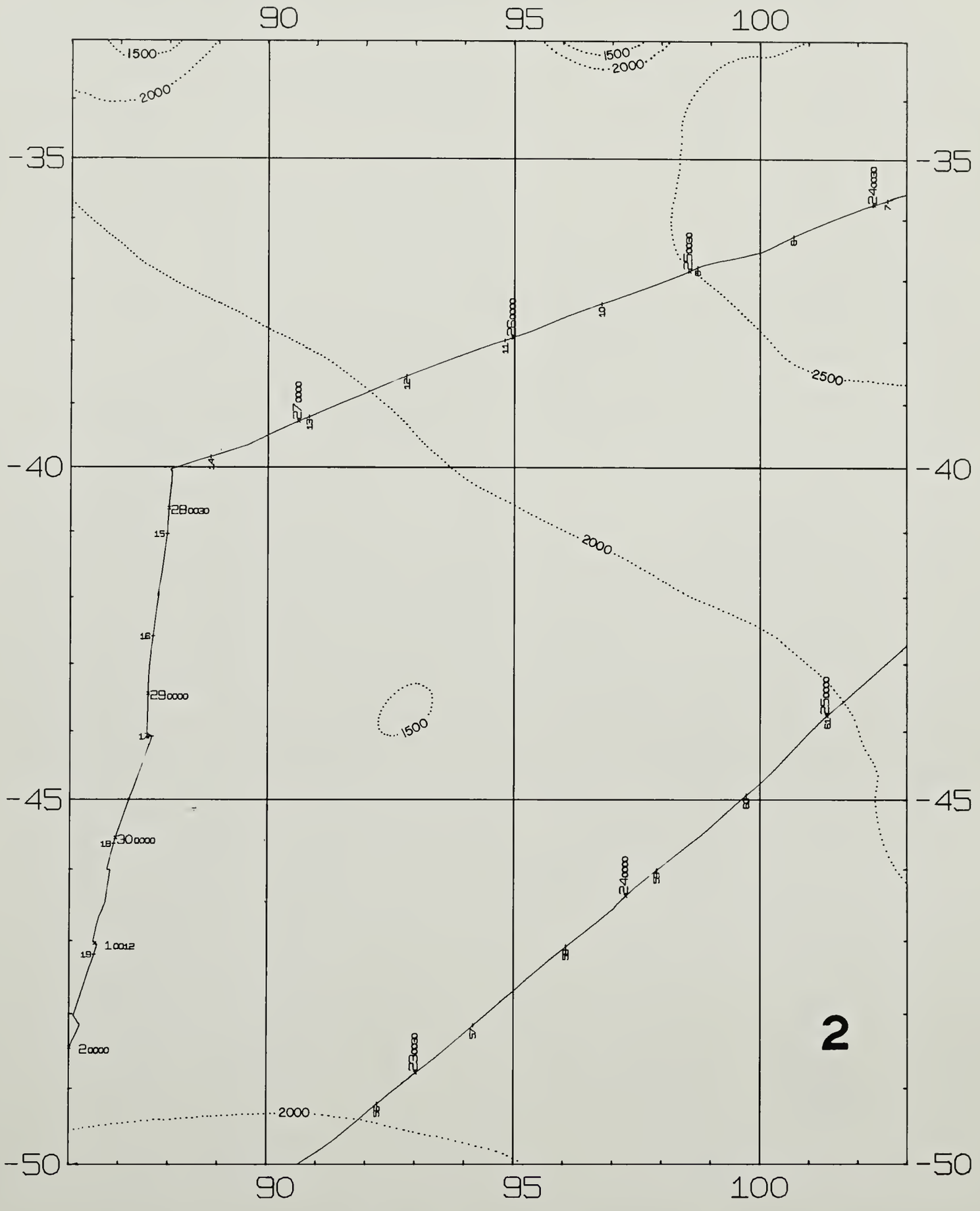
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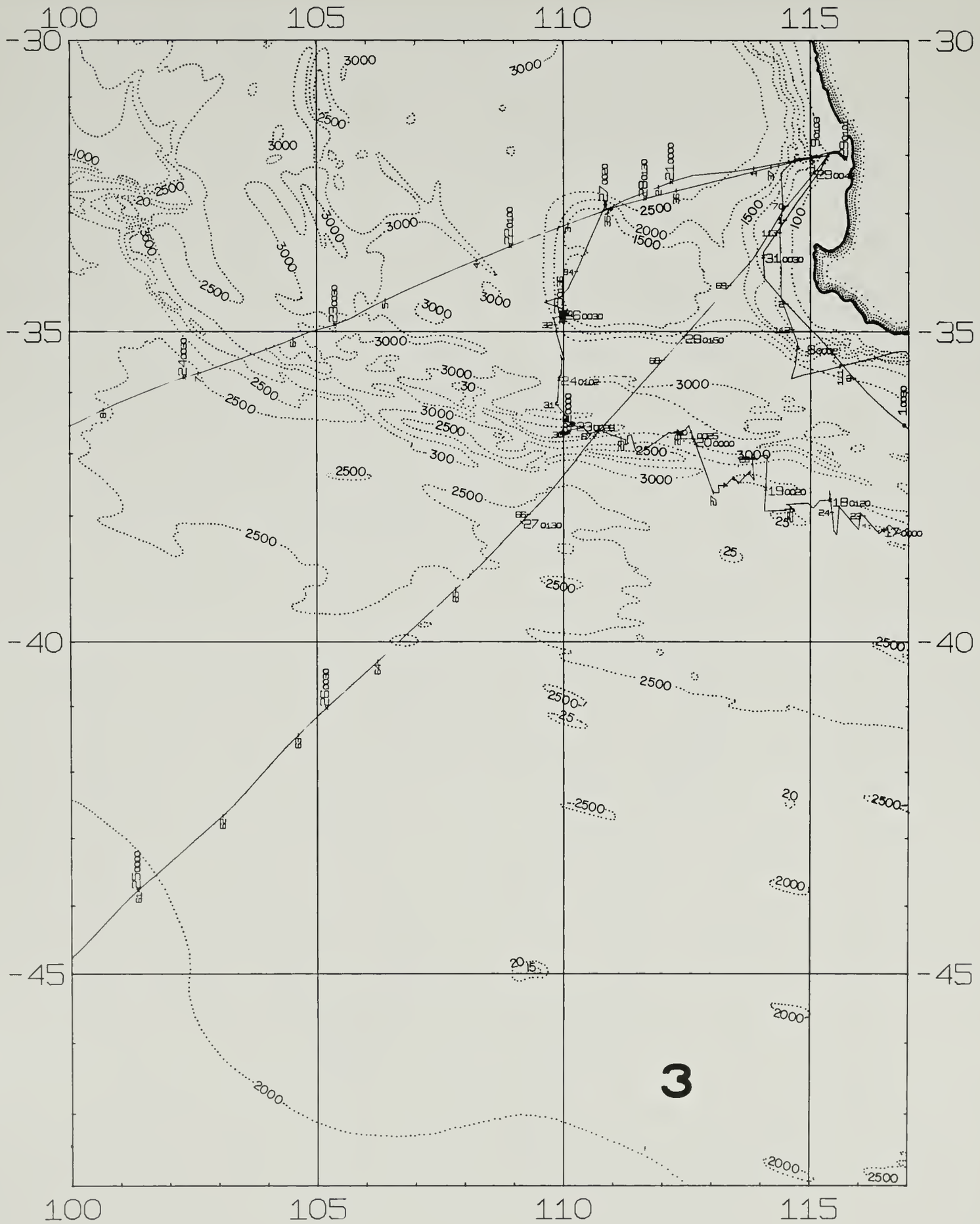
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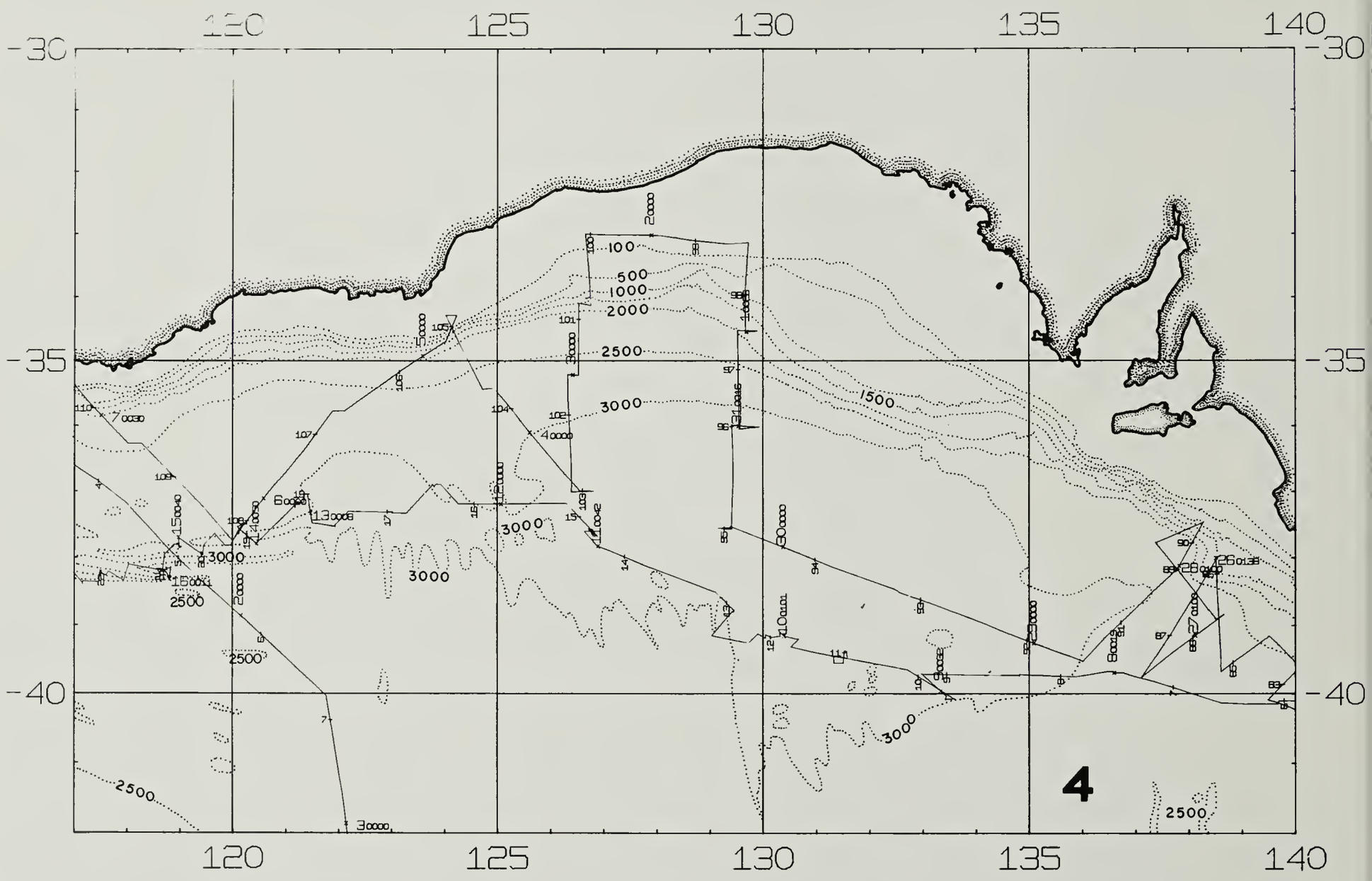
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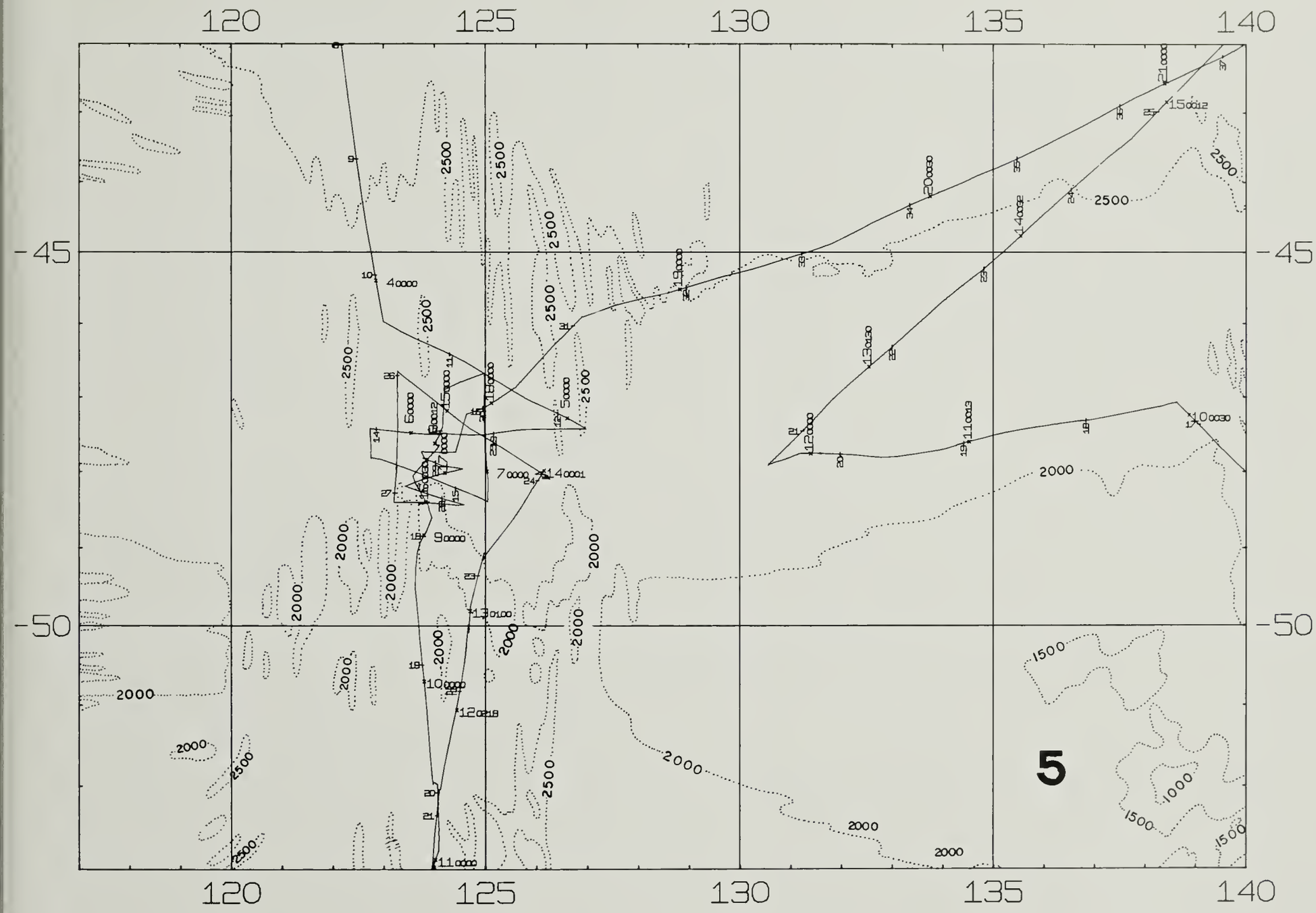
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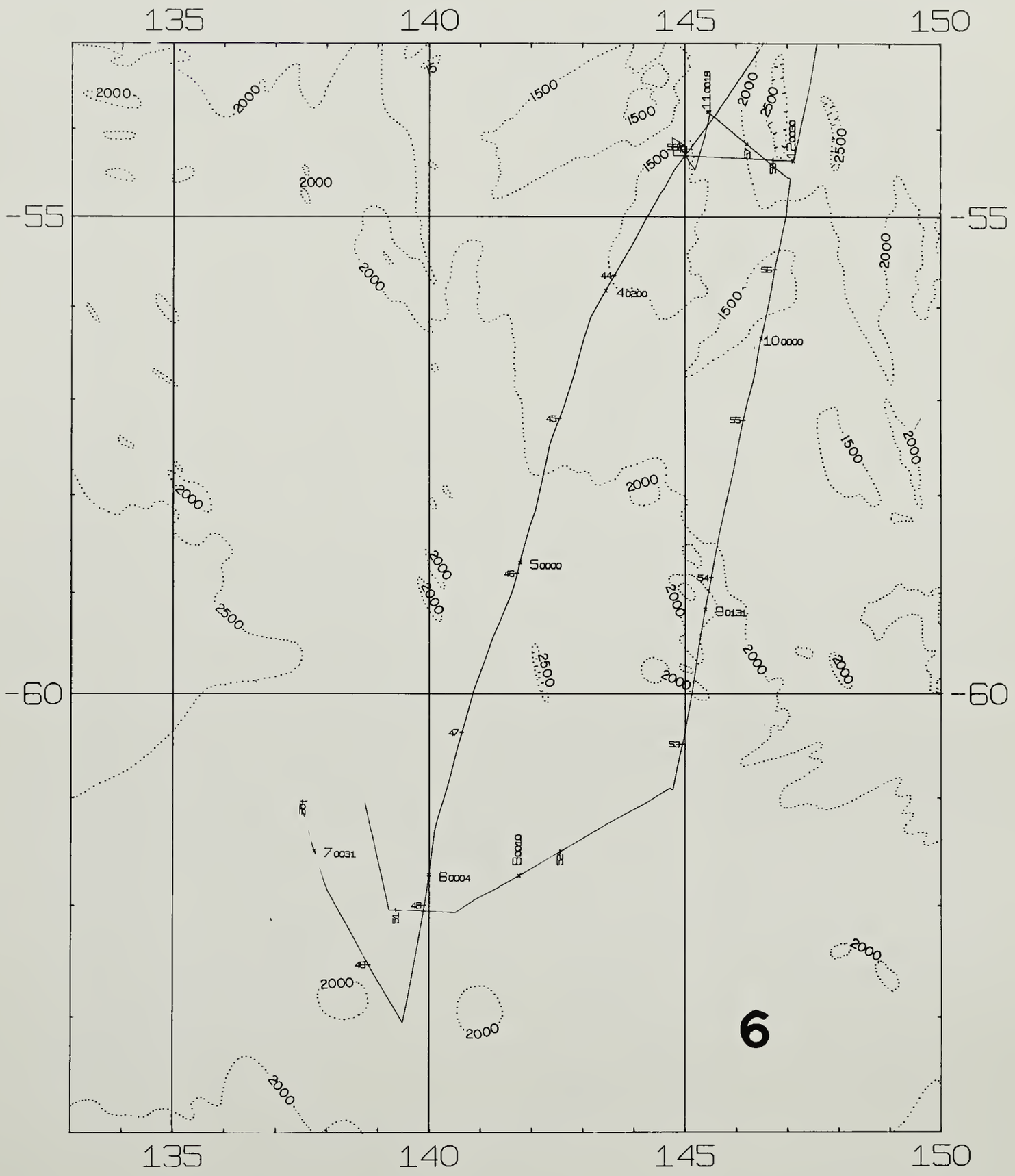
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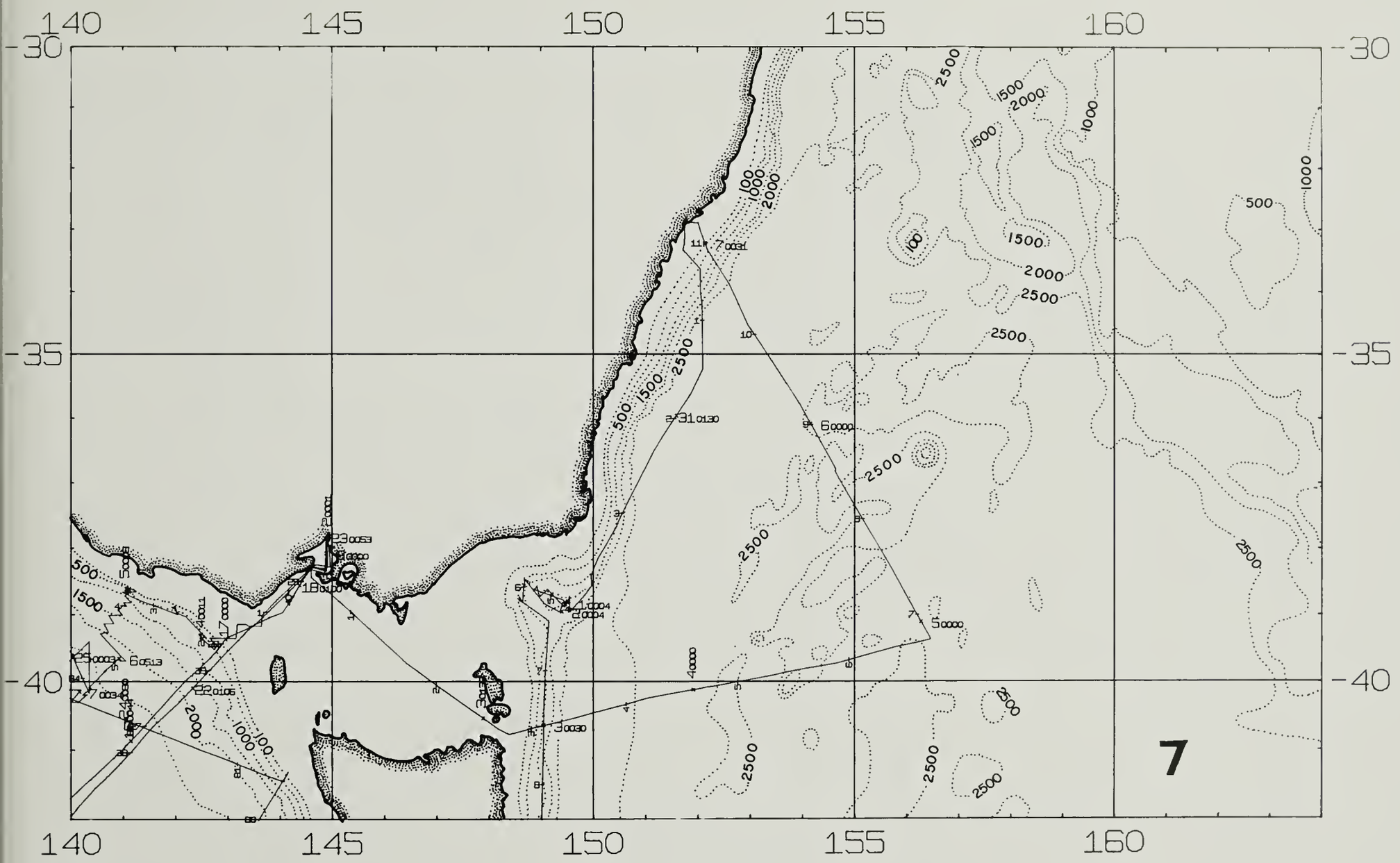
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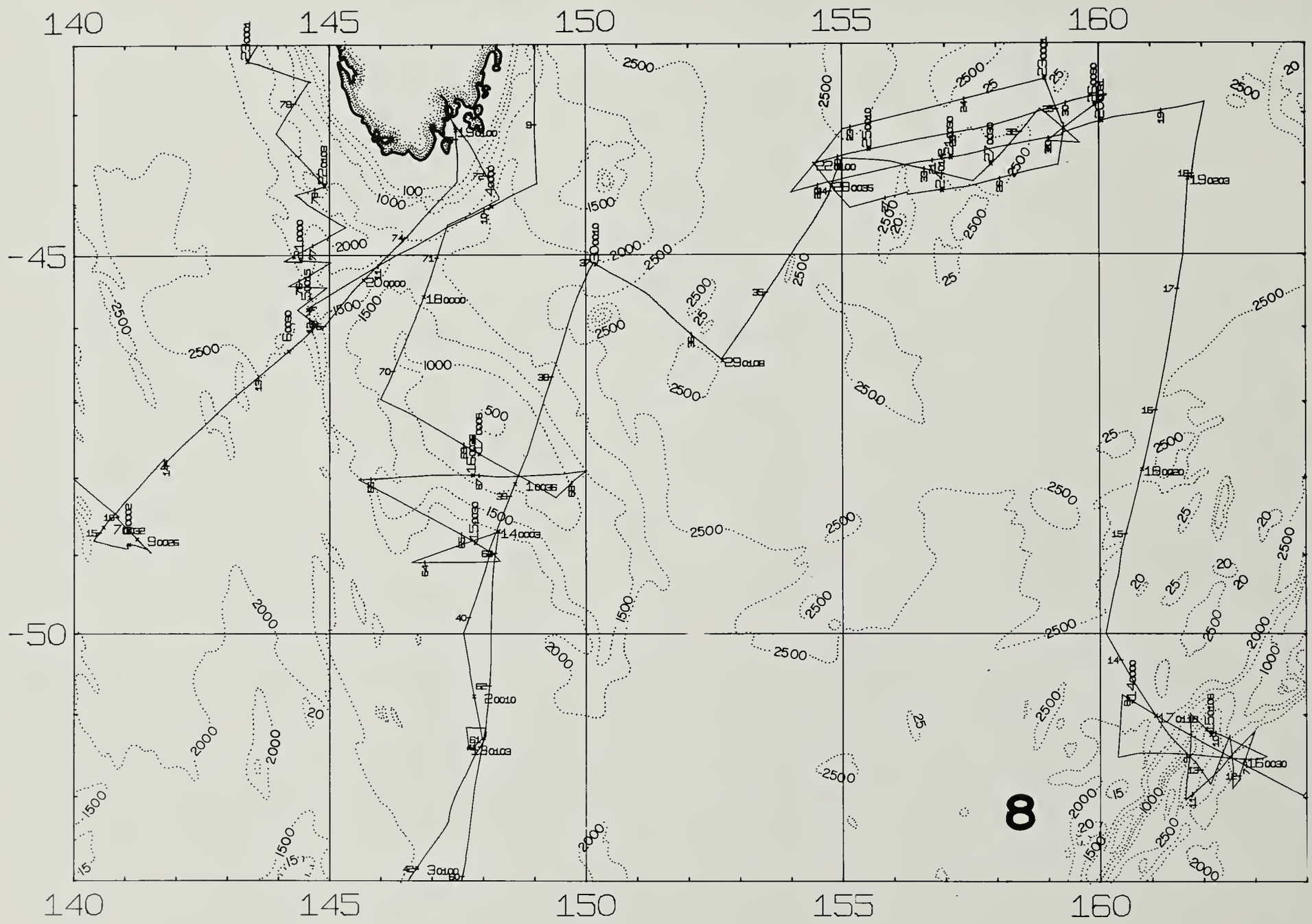
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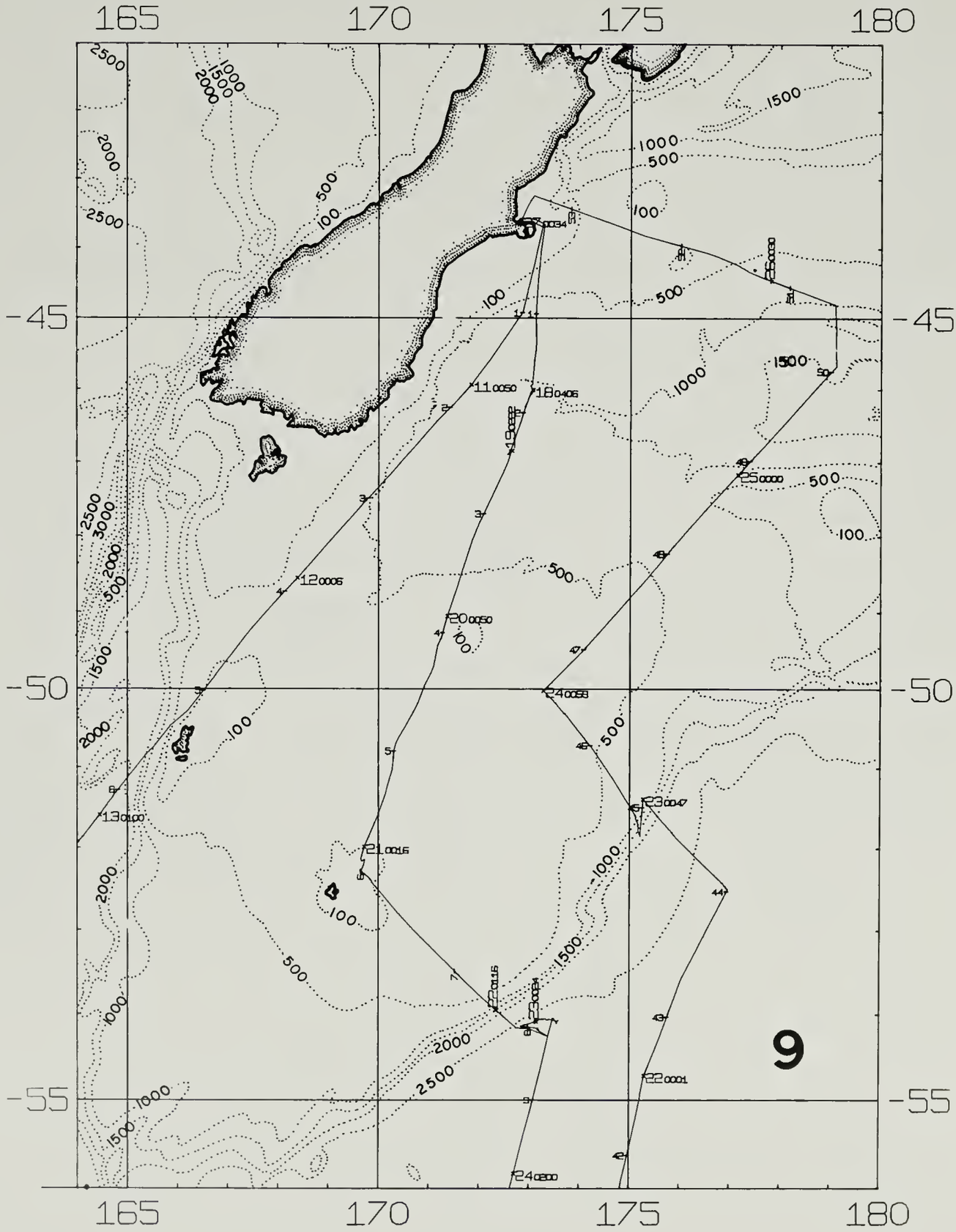
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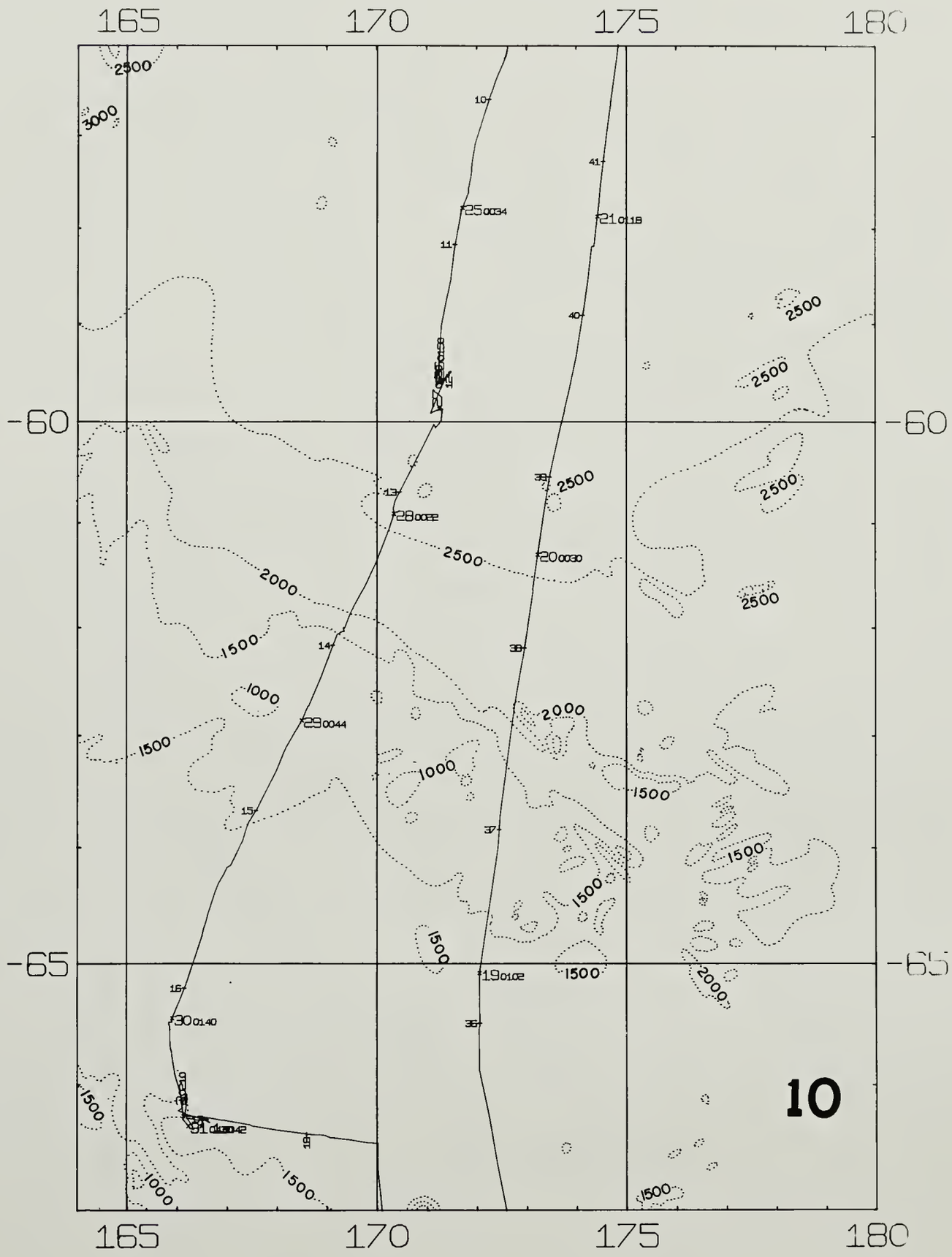
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DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.	
17	1	1972	0.0*	0031	-43 35.7	172 49.9	0.0	11.2	56		
17	1	1972	0.0	0050	-43 33.7	172 54.0	3.6	10.2	92		
17	1	1972	0.0	0058	-43 33.8	172 55.9	4.9	10.0	99		
17	1	1972	0.0	0152	-43 35.3	173 8.2	14.0	9.5	116		
17	1	1972	0.0	0200	-43 35.9	173 9.7	15.2	4.9	117		
17	1	1972	0.0	0205	-43 36.1	173 10.2	15.6	5.6	117		
17	1	1972	0.0	0215	-43 36.5	173 11.4	16.6	7.8	116		
17	1	1972	0.0	0300	-43 39.1	173 18.5	22.4	7.9	187		
17	1	1972	0.0	0518	-43 57.2	173 15.2	40.6	10.3	185		
17	1	1972	0.0	0530	-43 59.2	173 14.9	42.7	10.2	191		
17	1	1972	0.0*	0542	-44 1.2	173 14.3	44.7	9.4	185		
17	1	1972	0.0*	0722	-44 16.8	173 12.4	60.3	8.9	185		
17	1	1972	0.0	0800	-44 22.4	173 11.6	66.0	8.8	185		
17	1	1972	0.0*	0834	-44 27.4	173 10.8	71.0	9.2	184		
17	1	1972	0.0*	1018	-44 43.2	173 9.3	86.8	9.4	182		
17	1	1972	0.0*	1200	-44 59.1	173 8.3	102.8	7.0	179		
17	1	1972	0.0	1500	-45 20.1	173 8.6	123.7	6.9	179		
17	1	1972	0.0*	1510	-45 21.2	173 8.6	124.9	6.8	183		
17	1	1972	0.0*	1600	-45 26.9	173 8.1	130.6	7.4	188		
17	1	1972	0.0*	1704	-45 34.7	173 6.5	138.4	6.9	183		
17	1	1972	0.0	1712	-45 35.6	173 6.4	139.3	6.8	183		
17	1	1972	0.0*	1746	-45 39.5	173 6.1	143.2	7.5	185		
17	1	1972	0.0	1817	-45 43.3	173 5.6	147.1	7.5	185		
17	1	1972	0.0	2000	-45 56.1	173 3.9	160.0	0.5	2	START	1
17	1	1972	0.0*	2014	-45 56.0	173 3.9	160.1	0.9	229		1
17	1	1972	0.0*	2206	-45 57.1	173 2.1	161.8	0.6	152		1
18	1	1972	0.0*	0406	-46 0.4	173 4.6	165.5	0.2	182		1
18	1	1972	0.0*	0552	-46 0.8	173 4.6	165.9	0.7	337		1
18	1	1972	0.0	0641	-46 0.3	173 4.3	166.5	0.2	305		1
18	1	1972	0.0*	0642	-46 0.3	173 4.2	166.5	0.2	21		1
18	1	1972	0.0	0753	-46 0.1	173 4.4	166.8	1.8	81		1
18	1	1972	0.0	0827	-45 59.9	173 5.9	167.8	1.5	209		1
18	1	1972	0.0	0923	-46 1.1	173 4.9	169.2	2.0	259		1
18	1	1972	0.0*	0930	-46 1.2	173 4.6	169.4	2.4	239		1
18	1	1972	0.0	1004	-46 1.8	173 2.9	170.8	2.9	140		1
18	1	1972	0.0	1016	-46 2.3	173 3.4	171.4	2.5	201		1
18	1	1972	0.0	1041	-46 3.3	173 2.9	172.4	2.6	332		1
18	1	1972	0.0	1104	-46 2.4	173 2.2	173.4	3.5	200		1
18	1	1972	0.0	1445	-46 14.4	172 55.8	186.2	1.8	268		1
18	1	1972	0.0	1500	-46 14.4	172 55.1	186.7	3.9	26		1
18	1	1972	0.0*	1516	-46 13.5	172 55.8	187.7	4.5	25		1
18	1	1972	0.0	1557	-46 10.7	172 57.7	190.8	9.8	199	END	1
18	1	1972	0.0*	1656	-46 19.7	172 53.0	200.4	9.0	196		
18	1	1972	0.0*	1752	-46 27.8	172 49.6	208.8	8.7	199		
18	1	1972	0.0*	1844	-46 34.9	172 46.0	216.3	9.0	199		
18	1	1972	0.0*	1926	-46 40.8	172 42.9	222.6	9.5	199		
18	1	1972	0.0*	1948	-46 44.1	172 41.2	226.1	10.0	200		
18	1	1972	0.0	2035	-46 51.5	172 37.3	234.0	0.3	345	START	1
18	1	1972	0.0*	2118	-46 51.2	172 37.2	234.2	0.6	335		1
18	1	1972	0.0*	2322	-46 50.2	172 36.5	235.3	0.8	97		1
19	1	1972	0.0	0222	-46 50.5	172 40.0	237.8	3.3	247		1
19	1	1972	0.0*	0310	-46 51.9	172 36.7	240.4	3.9	242		1
19	1	1972	0.0	0312	-46 52.0	172 36.5	240.5	0.3	135		1
19	1	1972	0.0*	0458	-46 52.3	172 37.0	241.0	0.3	147		1
19	1	1972	0.0*	0554	-46 52.5	172 37.2	241.3	0.4	213		1
19	1	1972	0.0	0621	-46 52.7	172 37.1	241.4	1.9	242		1
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19	1	1972	0.0	0726	-46 53.3	172 34.5	243.4	7.2	66		1
19	1	1972	0.0*	0734	-46 52.9	172 35.7	244.4	7.6	66		1
19	1	1972	0.0	0746	-46 52.3	172 37.8	245.9	0.2	128		1
19	1	1972	0.0	0825	-46 52.4	172 37.9	246.0	7.1	196	END	1
19	1	1972	0.0	0837	-46 53.8	172 37.3	247.4	8.9	196		
19	1	1972	0.0*	0920	-46 59.8	172 34.6	253.8	9.2	203		
19	1	1972	0.0*	1026	-47 9.1	172 28.9	263.8	7.8	205		
19	1	1972	0.0*	1506	-47 42.0	172 6.0	300.1	7.4	205		
19	1	1972	0.0*	1608	-47 48.9	172 1.1	307.8	8.7	203		
19	1	1972	0.0	1655	-47 55.2	171 57.1	314.6	9.6	199		
19	1	1972	0.0*	1700	-47 55.9	171 56.7	315.4	8.4	202		
19	1	1972	0.0*	1754	-48 2.9	171 52.4	323.0	8.8	197		
19	1	1972	0.0*	1840	-48 9.3	171 49.3	329.7	9.1	198		

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.	
19	1	1972	0.0*	2040	-48 26.7	171 40.8	348.0	8.3	197		
19	1	1972	0.0	2100	-48 29.3	171 39.5	350.8	8.9	196		
19	1	1972	0.0*	2212	-48 39.5	171 34.8	361.5	9.5	198		
20	1	1972	0.0	0050	-49 3.2	171 23.0	386.4	7.3	197		
20	1	1972	0.0*	0218	-49 13.4	171 18.2	397.0	7.7	192		
20	1	1972	0.0	0300	-49 18.7	171 16.4	402.4	7.4	197		
20	1	1972	0.0*	0316	-49 20.6	171 15.5	404.4	7.8	205		
20	1	1972	0.0*	0404	-49 26.2	171 11.4	410.6	6.9	190		
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20	1	1972	0.0	0604	-49 42.4	171 6.5	427.2	8.4	201		
20	1	1972	0.0	0630	-49 45.8	171 4.4	430.8	6.8	200		
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20	1	1972	0.0*	0748	-49 54.1	170 58.2	440.1	6.7	206		
20	1	1972	0.0	0811	-49 56.4	170 56.4	442.6	7.4	202		
20	1	1972	0.0	0830	-49 58.5	170 55.0	444.9	1.2	28		
20	1	1972	0.0	0853	-49 58.1	170 55.3	445.4	7.6	201		
20	1	1972	0.0*	1022	-50 8.7	170 49.0	456.7	7.1	205		
20	1	1972	0.0	1030	-50 9.5	170 48.4	457.6	7.5	204		
20	1	1972	0.0*	1120	-50 15.3	170 44.4	463.9	8.8	209		
20	1	1972	0.0*	1310	-50 29.3	170 32.1	480.0	8.5	210		
20	1	1972	0.0*	1414	-50 37.1	170 24.9	489.1	9.0	206		
20	1	1972	0.0	1446	-50 41.4	170 21.5	493.9	9.0	196		
20	1	1972	0.0*	1518	-50 46.0	170 19.3	498.6	8.6	184		
20	1	1972	0.0*	1706	-51 1.4	170 17.2	514.1	8.5	196		
20	1	1972	0.0*	1856	-51 16.4	170 10.1	529.7	7.8	192		
20	1	1972	0.0	1922	-51 19.7	170 9.0	533.1	8.2	200		
20	1	1972	0.0*	1936	-51 21.5	170 7.9	535.0	8.2	199		
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20	1	1972	0.0	2200	-51 40.1	169 56.9	554.9	8.7	203		
20	1	1972	0.0*	2326	-51 51.6	169 49.0	567.4	9.8	203		
21	1	1972	0.0*	0016	-51 59.1	169 43.7	575.5	10.5	196		
21	1	1972	0.0	0106	-52 7.4	169 39.7	584.2	0.6	171	START	2
21	1	1972	0.0*	0414	-52 9.2	169 40.1	586.1	0.9	70		2
21	1	1972	0.0	0716	-52 8.3	169 44.4	588.9	9.4	193		2
21	1	1972	0.0*	0744	-52 12.6	169 42.8	593.3	9.1	203		2
21	1	1972	0.0	0815	-52 16.9	169 39.8	598.0	1.3	337		2
21	1	1972	0.0	0901	-52 16.0	169 39.1	598.9	6.1	205		2
21	1	1972	0.0	0907	-52 16.6	169 38.7	599.5	9.9	126		2
21	1	1972	0.0*	0934	-52 19.2	169 44.5	604.0	10.0	132		2
21	1	1972	0.0	1004	-52 22.5	169 50.6	609.0	1.0	290		2
21	1	1972	0.0	1014	-52 22.5	169 50.3	609.1	1.1	190		2
21	1	1972	0.0*	1026	-52 22.7	169 50.3	609.4	0.5	134		2
21	1	1972	0.0	1122	-52 23.0	169 50.9	609.9	1.6	90		2
21	1	1972	0.0	1130	-52 23.0	169 51.2	610.1	2.0	146		2
21	1	1972	0.0*	1220	-52 24.5	169 52.8	611.8	3.3	185		2
21	1	1972	0.0	1230	-52 25.0	169 52.7	612.3	9.4	139	END	2
21	1	1972	0.0	1540	-52 47.8	170 24.4	642.2	10.4	137		
21	1	1972	0.0*	1654	-52 57.3	170 38.7	655.0	10.6	135		
21	1	1972	0.0*	1806	-53 6.4	170 53.6	667.8	10.3	134		
21	1	1972	0.0	1900	-53 13.0	171 4.6	677.1	9.9	134		
21	1	1972	0.0*	2222	-53 36.6	171 44.4	710.6	10.0	134		
21	1	1972	0.0	2300	-53 41.0	171 52.0	716.9	10.2	134		
21	1	1972	0.0*	2326	-53 44.1	171 57.3	721.3	10.2	132		
22	1	1972	0.0*	0116	-53 56.7	172 20.8	740.1	11.0	130		
22	1	1972	0.0*	0204	-54 2.4	172 32.2	748.8	11.0	130		
22	1	1972	0.0	0259	-54 9.1	172 45.2	758.9	0.4	248	START	3
22	1	1972	0.0*	0324	-54 9.1	172 44.9	759.1	1.2	100		3
22	1	1972	0.0*	0542	-54 9.6	172 49.7	761.9	1.2	95		3
22	1	1972	0.0*	0656	-54 9.8	172 52.2	763.4	1.6	90		3
22	1	1972	0.0*	0748	-54 9.8	172 54.5	764.7	1.9	79		3
22	1	1972	0.0	0900	-54 9.3	172 58.4	767.1	4.4	113		3
22	1	1972	0.0	1052	-54 12.6	173 11.2	775.2	2.8	99		3
22	1	1972	0.0	1113	-54 12.7	173 12.8	776.2	4.2	112		3
22	1	1972	0.0	1235	-54 14.9	173 21.9	781.9	1.9	79		3
22	1	1972	0.0	1256	-54 14.8	173 23.0	782.6	10.1	301		3
22	1	1972	0.0	1345	-54 10.5	173 10.9	790.9	2.0	79		3
22	1	1972	0.0*	1414	-54 10.3	173 12.5	791.8	0.7	332		3
22	1	1972	0.0	1513	-54 9.7	173 12.0	792.5	2.0	285		3
22	1	1972	0.0	1600	-54 9.3	173 9.4	794.1	4.4	277		3
22	1	1972	0.0	1621	-54 9.1	173 6.8	795.6	6.8	274		3

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION	NO.
22	1	1972	0.0*	1716	-54 8.6	172 56.2	801.8	4.8	278		3
22	1	1972	0.0	1755	-54 8.1	172 51.0	804.9	1.9	67		3
22	1	1972	0.0*	1906	-54 7.3	172 54.4	807.1	1.4	72		3
22	1	1972	0.0*	1944	-54 7.0	172 55.9	808.0	1.8	76		3
22	1	1972	0.0*	2132	-54 6.2	173 1.3	811.3	1.7	71		3
22	1	1972	0.0*	2330	-54 5.2	173 6.8	814.7	1.8	78		3
23	1	1972	0.0*	0024	-54 4.8	173 9.4	816.3	1.5	58		3
23	1	1972	0.0*	0232	-54 3.2	173 14.0	819.4	1.4	84		3
23	1	1972	0.0*	0446	-54 2.9	173 19.2	822.5	1.7	116		3
23	1	1972	0.0*	0608	-54 3.9	173 22.7	824.8	1.4	60		3
23	1	1972	0.0*	0658	-54 3.3	173 24.4	825.9	1.3	104		3
23	1	1972	0.0*	0842	-54 3.9	173 28.2	828.2	1.4	103		3
23	1	1972	0.0*	1030	-54 4.5	173 32.5	830.8	1.1	77		3
23	1	1972	0.0	1230	-54 4.1	173 36.1	833.0	2.0	215		3
23	1	1972	0.0*	1324	-54 5.5	173 34.4	834.8	2.2	220		3
23	1	1972	0.0	1339	-54 6.0	173 33.8	835.3	0.8	79		3
23	1	1972	0.0	1401	-54 5.9	173 34.2	835.6	11.1	325		3
23	1	1972	0.0	1421	-54 2.9	173 30.7	839.3	9.6	280		3
23	1	1972	0.0	1428	-54 2.7	173 28.8	840.4	0.8	79		3
23	1	1972	0.0*	1502	-54 2.6	173 29.5	840.8	0.6	318		3
23	1	1972	0.0	1513	-54 2.5	173 29.4	841.0	11.2	194	END	3
23	1	1972	0.0*	1628	-54 16.1	173 23.4	855.0	9.7	192		
23	1	1972	0.0*	1816	-54 33.1	173 16.7	872.4	10.1	193		
23	1	1972	0.0	1900	-54 40.2	173 13.7	879.8	9.6	193		
23	1	1972	0.0*	2150	-55 6.6	173 2.5	907.0	10.2	195		
23	1	1972	0.0	2300	-55 18.1	172 57.0	918.9	10.7	195		
23	1	1972	0.0*	2336	-55 24.3	172 54.0	925.3	10.9	193		
24	1	1972	0.0	0200	-55 49.8	172 42.8	951.6	10.8	194		
24	1	1972	0.0*	0328	-56 5.2	172 36.0	967.5	10.8	197		
24	1	1972	0.0	0350	-56 9.0	172 33.9	971.4	7.4	199		
24	1	1972	0.0	0408	-56 11.1	172 32.5	973.6	4.5	204		
24	1	1972	0.0*	0520	-56 16.0	172 28.5	979.0	5.1	206		
24	1	1972	0.0*	0538	-56 17.4	172 27.3	980.6	5.1	202		
24	1	1972	0.0	0634	-56 21.8	172 24.1	985.3	5.6	201		
24	1	1972	0.0*	0708	-56 24.7	172 22.0	988.5	5.5	197		
24	1	1972	0.0*	0754	-56 28.8	172 19.7	992.7	5.1	200		
24	1	1972	0.0*	0852	-56 33.4	172 16.6	997.6	5.1	197		
24	1	1972	0.0	1017	-56 40.3	172 12.6	1004.9	0.7	327		
24	1	1972	0.0	1030	-56 40.2	172 12.5	1005.1	4.9	197		
24	1	1972	0.0*	1044	-56 41.3	172 11.9	1006.2	4.5	196		
24	1	1972	0.0*	1144	-56 45.6	172 9.5	1010.7	5.6	197		
24	1	1972	0.0*	1322	-56 54.4	172 4.4	1019.9	5.1	197		
24	1	1972	0.0	1500	-57 2.4	171 59.9	1028.2	5.0	197		
24	1	1972	0.0*	1540	-57 5.5	171 58.1	1031.6	5.2	189		
24	1	1972	0.0*	1728	-57 14.8	171 55.3	1040.9	5.1	188		
24	1	1972	0.0*	1808	-57 18.1	171 54.3	1044.3	4.9	182		
24	1	1972	0.0*	1918	-57 23.8	171 53.8	1050.0	4.9	187		
24	1	1972	0.0*	1956	-57 26.9	171 53.1	1053.1	4.4	191		
24	1	1972	0.0	2034	-57 29.7	171 52.1	1055.9	5.6	191		
24	1	1972	0.0	2127	-57 34.5	171 50.2	1060.9	0.8	13		
24	1	1972	0.0	2220	-57 33.8	171 50.5	1061.6	6.9	180		
24	1	1972	0.0	2245	-57 36.6	171 50.4	1064.5	5.9	201		
25	1	1972	0.0*	0034	-57 46.6	171 43.3	1075.2	6.0	199		
25	1	1972	0.0	0110	-57 50.0	171 41.0	1078.8	0.7	28		
25	1	1972	0.0	0151	-57 49.6	171 41.4	1079.2	5.6	190		
25	1	1972	0.0*	0444	-58 5.5	171 36.1	1095.4	4.9	190		
25	1	1972	0.0	0600	-58 11.7	171 34.0	1101.6	5.1	190		
25	1	1972	0.0*	0628	-58 14.0	171 33.2	1104.0	5.3	186		
25	1	1972	0.0*	0954	-58 32.1	171 29.2	1122.2	5.7	191		
25	1	1972	0.0	1100	-58 38.2	171 26.7	1128.5	6.0	191		
25	1	1972	0.0*	1238	-58 47.8	171 22.9	1138.3	6.4	190		
25	1	1972	0.0*	1450	-59 1.7	171 17.7	1152.5	5.6	181		
25	1	1972	0.0	1500	-59 2.7	171 17.6	1153.4	6.6	183		
25	1	1972	0.0*	1648	-59 14.5	171 16.4	1165.2	7.1	183		
25	1	1972	0.0*	1828	-59 26.4	171 14.8	1177.1	7.7	190		
25	1	1972	0.0*	1906	-59 31.2	171 13.1	1182.0	7.6	188		
25	1	1972	0.0	1958	-59 37.7	171 11.2	1188.6	0.5	82	START	4
25	1	1972	0.0*	2054	-59 37.6	171 12.1	1189.0	0.8	52		4
26	1	1972	0.0*	0150	-59 35.2	171 18.1	1192.9	0.5	33		4
26	1	1972	0.0*	0340	-59 34.4	171 19.1	1193.8	0.9	78		4

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION	NO.
26	1	1972	0.0*	0536	-59 34.1	171 22.4	1195.5	0.8	15		4
26	1	1972	0.0*	0756	-59 32.4	171 23.4	1197.3	1.1	27		4
26	1	1972	0.0*	0904	-59 31.3	171 24.4	1198.5	0.5	59		4
26	1	1972	0.0*	1552	-59 29.7	171 30.0	1201.8	0.5	267		4
26	1	1972	0.0*	1738	-59 29.7	171 28.3	1202.6	0.5	242		4
26	1	1972	0.0*	1816	-59 29.8	171 27.8	1202.9	1.2	47		4
26	1	1972	0.0	1857	-59 29.2	171 28.9	1203.7	6.0	215		4
26	1	1972	0.0	1958	-59 34.2	171 21.9	1209.8	6.6	204		4
26	1	1972	0.0*	2108	-59 41.2	171 15.6	1217.6	7.1	202		4
26	1	1972	0.0	2118	-59 42.3	171 14.7	1218.7	6.3	202		4
26	1	1972	0.0	2325	-59 54.7	171 4.6	1232.1	0.9	63		4
27	1	1972	0.0*	0630	-59 52.0	171 15.6	1238.3	0.2	36		4
27	1	1972	0.0*	0706	-59 51.9	171 15.8	1238.4	1.0	96		4
27	1	1972	0.0*	0814	-59 52.0	171 17.9	1239.5	0.4	104		4
27	1	1972	0.0	1005	-59 52.2	171 19.4	1240.2	3.3	191		4
27	1	1972	0.0*	1038	-59 54.0	171 18.7	1242.0	2.5	185		4
27	1	1972	0.0*	1250	-59 59.4	171 17.7	1247.4	2.7	214		4
27	1	1972	0.0	1255	-59 59.6	171 17.5	1247.7	2.9	216		4
27	1	1972	0.0	1330	-60 0.9	171 15.5	1249.3	2.8	222		4
27	1	1972	0.0	1443	-60 3.4	171 10.9	1252.8	1.0	332		4
27	1	1972	0.0*	1648	-60 1.6	171 9.0	1254.8	1.4	325		4
27	1	1972	0.0	1655	-60 1.5	171 8.8	1255.0	9.5	205	END	4
27	1	1972	0.0	1740	-60 7.9	171 2.6	1262.1	9.9	207		
27	1	1972	0.0*	1838	-60 16.5	170 53.7	1271.7	9.5	208		
27	1	1972	0.0	1855	-60 18.8	170 51.1	1274.4	9.9	205		
27	1	1972	0.0*	1918	-60 22.2	170 47.8	1278.2	10.0	207		
27	1	1972	0.0*	2204	-60 46.9	170 22.0	1305.9	11.6	193		
27	1	1972	0.0	2230	-60 51.8	170 19.6	1310.9	1.2	134		
27	1	1972	0.0*	2250	-60 52.1	170 20.2	1311.3	1.5	171		
28	1	1972	0.0	0022	-60 54.4	170 20.8	1313.7	6.4	197		
28	1	1972	0.0	0137	-61 2.0	170 15.9	1321.7	9.5	197		
28	1	1972	0.0*	0138	-61 2.2	170 15.8	1321.8	7.2	201		
28	1	1972	0.0	0200	-61 4.6	170 13.9	1324.5	9.7	201		
28	1	1972	0.0*	0350	-61 21.2	170 0.5	1342.3	9.4	204		
28	1	1972	0.0*	0530	-61 35.5	169 46.8	1358.0	9.6	208		
28	1	1972	0.0	0700	-61 48.1	169 32.1	1372.4	9.0	206		
28	1	1972	0.0*	0726	-61 51.6	169 28.5	1376.3	9.8	201		
28	1	1972	0.0	0823	-62 0.3	169 21.3	1385.6	0.4	319	START	5
28	1	1972	0.0*	0916	-62 0.0	169 20.8	1386.0	0.2	90		5
28	1	1972	0.0*	1020	-62 0.0	169 21.2	1386.2	0.2	245		5
28	1	1972	0.0*	1202	-62 0.2	169 20.4	1386.6	0.1	296		5
28	1	1972	0.0*	1404	-62 0.1	169 19.9	1386.9	1.0	162		5
28	1	1972	0.0*	1550	-62 1.8	169 21.1	1388.8	0.3	114		5
28	1	1972	0.0	1615	-62 1.9	169 21.4	1388.9	2.8	251		5
28	1	1972	0.0	1705	-62 2.6	169 16.7	1391.2	1.0	244		5
28	1	1972	0.0	1715	-62 2.7	169 16.4	1391.4	1.9	228		5
28	1	1972	0.0*	1740	-62 3.2	169 15.1	1392.2	2.4	244		5
28	1	1972	0.0	1813	-62 3.8	169 12.6	1393.5	9.3	200	END	5
28	1	1972	0.0	2054	-62 27.1	168 53.5	1418.4	8.6	203		
28	1	1972	0.0	2300	-62 43.6	168 38.1	1436.4	0.5	280		
28	1	1972	0.0	2340	-62 43.6	168 37.5	1436.7	8.1	203		
29	1	1972	0.0*	0044	-62 51.5	168 30.0	1445.4	8.5	210		
29	1	1972	0.0*	0246	-63 6.4	168 10.9	1462.6	7.2	203		
29	1	1972	0.0	0300	-63 8.0	168 9.4	1464.3	7.7	202		
29	1	1972	0.0*	0434	-63 19.1	167 58.9	1476.4	8.2	206		
29	1	1972	0.0*	0642	-63 34.7	167 41.3	1493.9	7.9	205		
29	1	1972	0.0*	0706	-63 37.6	167 38.3	1497.1	8.4	210		
29	1	1972	0.0	0730	-63 40.5	167 34.5	1500.5	7.3	211		
29	1	1972	0.0*	0826	-63 46.3	167 26.4	1507.3	7.0	201		
29	1	1972	0.0	0900	-63 50.0	167 23.0	1511.2	6.0	195		
29	1	1972	0.0	1000	-63 55.8	167 19.3	1517.2	6.0	200		
29	1	1972	0.0*	1010	-63 56.7	167 18.5	1518.2	5.7	206		
29	1	1972	0.0	1233	-64 8.9	167 5.0	1531.8	8.3	234		
29	1	1972	0.0	1252	-64 10.4	167 0.0	1534.4	6.1	205		
29	1	1972	0.0*	1326	-64 13.5	166 56.6	1537.8	6.1	210		
29	1	1972	0.0	1430	-64 19.1	166 49.1	1544.3	6.8	199		
29	1	1972	0.0*	1514	-64 23.8	166 45.2	1549.3	7.4	198		
29	1	1972	0.0*	1642	-64 34.0	166 37.3	1560.1	7.6	194		
29	1	1972	0.0	1719	-64 38.5	166 34.6	1564.7	3.2	197		
29	1	1972	0.0*	1832	-64 42.2	166 32.0	1568.6	3.5	192		

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
29	1	1972	0.0*	1926	-64 45.2	166 30.4	1571.7	3.0	206	
29	1	1972	0.0	1930	-64 45.4	166 30.2	1571.9	7.9	198	
29	1	1972	0.0*	2254	-65 10.8	166 10.3	1598.6	7.6	200	
29	1	1972	0.0	2330	-65 15.1	166 6.4	1603.2	5.9	202	
30	1	1972	0.0	0140	-65 26.9	165 54.6	1616.0	1.5	309	
30	1	1972	0.0*	0150	-65 26.7	165 54.1	1616.2	0.9	181	
30	1	1972	0.0*	0400	-65 28.7	165 54.0	1618.3	1.0	266	
30	1	1972	0.0*	0526	-65 28.8	165 50.5	1619.7	0.1	346	
30	1	1972	0.0	0714	-65 28.7	165 50.4	1619.9	3.7	177	
30	1	1972	0.0	0730	-65 29.7	165 50.5	1620.9	4.5	161	
30	1	1972	0.0	0751	-65 31.2	165 51.7	1622.4	3.7	179	
30	1	1972	0.0*	0928	-65 37.2	165 51.9	1628.5	3.5	178	
30	1	1972	0.0	1038	-65 41.3	165 52.2	1632.5	4.0	165	
30	1	1972	0.0	1120	-65 44.0	165 53.9	1635.3	3.4	178	
30	1	1972	0.0*	1136	-65 44.9	165 53.9	1636.2	3.6	170	
30	1	1972	0.0*	1358	-65 53.3	165 57.3	1644.8	2.9	172	
30	1	1972	0.0	1434	-65 55.1	165 57.9	1646.5	4.0	163	
30	1	1972	0.0*	1612	-66 1.3	166 2.4	1653.0	4.1	164	
30	1	1972	0.0*	1736	-66 6.8	166 6.2	1658.7	4.2	185	
30	1	1972	0.0*	1800	-66 8.5	166 5.8	1660.4	4.3	172	
30	1	1972	0.0*	1926	-66 14.6	166 8.0	1666.6	5.3	170	
30	1	1972	0.0	1930	-66 14.9	166 8.1	1666.9	0.6	177	START 6
30	1	1972	0.0*	2016	-66 15.4	166 8.1	1667.4	0.6	191	6
30	1	1972	0.0*	2210	-66 16.5	166 7.6	1668.6	0.6	140	6
31	1	1972	0.0*	0430	-66 19.6	166 14.0	1672.6	0.3	136	6
31	1	1972	0.0*	0456	-66 19.7	166 14.2	1672.7	0.6	148	6
31	1	1972	0.0*	0652	-66 20.7	166 15.7	1673.9	0.7	141	6
31	1	1972	0.0*	0717	-66 20.9	166 16.2	1674.1	0.5	91	6
31	1	1972	0.0*	0756	-66 20.9	166 17.0	1674.5	0.4	109	6
31	1	1972	0.0*	1028	-66 21.3	166 19.7	1675.6	0.6	53	6
31	1	1972	0.0	1100	-66 21.1	166 20.3	1675.9	8.5	331	6
31	1	1972	0.0*	1124	-66 18.1	166 16.3	1679.4	8.2	325	6
31	1	1972	0.0	1146	-66 15.6	166 12.1	1682.4	0.4	193	6
31	1	1972	0.0*	1228	-66 15.9	166 11.9	1682.7	1.8	99	6
31	1	1972	0.0*	1520	-66 16.8	166 24.4	1687.8	1.3	85	6
31	1	1972	0.0*	1644	-66 16.6	166 29.0	1689.6	0.4	237	6
31	1	1972	0.0*	1710	-66 16.7	166 28.6	1689.8	0.2	175	6
31	1	1972	0.0*	1742	-66 16.8	166 28.7	1689.9	0.5	45	6
31	1	1972	0.0*	1830	-66 16.5	166 29.4	1690.3	0.6	198	6
31	1	1972	0.0*	1926	-66 17.0	166 28.9	1690.8	0.2	112	6
31	1	1972	0.0*	2256	-66 17.4	166 30.8	1691.6	1.3	188	6
1	2	1972	0.0*	0042	-66 19.7	166 30.0	1694.0	1.0	14	6
1	2	1972	0.0*	0428	-66 15.9	166 32.4	1697.9	0.4	28	6
1	2	1972	0.0*	0554	-66 15.3	166 33.2	1698.5	1.2	138	6
1	2	1972	0.0*	0802	-66 17.3	166 37.6	1701.2	1.0	127	6
1	2	1972	0.0	0905	-66 18.0	166 39.7	1702.2	6.7	298	6
1	2	1972	0.0	0936	-66 16.3	166 32.1	1705.7	1.0	127	6
1	2	1972	0.0*	0952	-66 16.5	166 32.6	1706.0	0.4	283	6
1	2	1972	0.0	1051	-66 16.4	166 31.6	1706.4	2.8	290	6
1	2	1972	0.0*	1124	-66 15.8	166 28.0	1708.0	2.5	285	6
1	2	1972	0.0*	1356	-66 14.1	166 12.8	1714.3	2.3	292	6
1	2	1972	0.0	1605	-66 12.2	166 1.8	1719.1	0.1	95	6
1	2	1972	0.0*	1622	-66 12.2	166 1.8	1719.2	1.9	54	6
1	2	1972	0.0*	1732	-66 10.9	166 6.4	1721.4	2.7	6	6
1	2	1972	0.0*	1808	-66 9.3	166 6.8	1723.0	3.2	18	6
1	2	1972	0.0*	1846	-66 7.4	166 8.4	1725.1	2.2	27	6
1	2	1972	0.0*	2018	-66 4.4	166 12.2	1728.4	0.5	237	6
1	2	1972	0.0	2030	-66 4.4	166 12.0	1728.5	10.8	173	6
1	2	1972	0.0	2043	-66 6.8	166 12.7	1730.9	10.5	189	6
1	2	1972	0.0	2130	-66 14.9	166 9.5	1739.1	0.5	235	6
1	2	1972	0.0*	2134	-66 14.9	166 9.4	1739.2	0.1	277	6
2	2	1972	0.0	0210	-66 14.8	166 7.8	1739.8	9.8	94	END 6
2	2	1972	0.0*	0318	-66 15.6	166 35.4	1750.9	9.1	99	
2	2	1972	0.0	0538	-66 19.1	167 27.4	1772.2	9.4	115	
2	2	1972	0.0	0547	-66 19.7	167 30.6	1773.6	9.2	99	
2	2	1972	0.0*	0702	-66 21.6	167 58.8	1785.0	9.7	97	
2	2	1972	0.0	0857	-66 24.0	168 44.8	1803.6	10.2	85	
2	2	1972	0.0	0910	-66 23.8	168 50.3	1805.8	10.0	97	
2	2	1972	0.0	0928	-66 24.2	168 57.7	1808.8	10.7	112	
2	2	1972	0.0	0944	-66 25.3	169 4.3	1811.7	10.0	96	

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
2	2	1972	0.0*	1036	-66 26.2	169 25.9	1820.3	10.0	99	
2	2	1972	0.0*	1132	-66 27.7	169 49.0	1829.7	9.9	93	
2	2	1972	0.0	1202	-66 28.0	170 1.4	1834.7	11.2	180	
2	2	1972	0.0*	1302	-66 39.3	170 1.1	1845.9	10.9	174	
2	2	1972	0.0*	1416	-66 52.6	170 4.5	1859.4	10.1	174	
2	2	1972	0.0	1700	-67 20.0	170 11.0	1886.9	9.8	174	
2	2	1972	0.0*	1744	-67 27.2	170 12.8	1894.1	10.6	174	
2	2	1972	0.0*	1826	-67 34.6	170 14.6	1901.5	10.0	176	
2	2	1972	0.0	1905	-67 41.1	170 15.7	1908.1	10.0	170	
2	2	1972	0.0*	1932	-67 45.6	170 17.6	1912.6	10.2	169	
2	2	1972	0.0	2016	-67 53.0	170 21.2	1920.0	10.2	175	
2	2	1972	0.0*	2018	-67 53.3	170 21.3	1920.4	10.5	178	
2	2	1972	0.0*	2130	-68 5.9	170 22.4	1933.0	11.0	173	
2	2	1972	0.0	2217	-68 14.4	170 25.0	1941.6	0.9	88	
2	2	1972	0.0	2230	-68 14.4	170 25.5	1941.8	11.0	173	
2	2	1972	0.0*	2318	-68 23.2	170 28.2	1950.6	10.3	175	
3	2	1972	0.0	0200	-68 50.9	170 34.7	1978.4	10.4	175	
3	2	1972	0.0*	0618	-69 35.6	170 45.3	2023.3	10.4	176	
3	2	1972	0.0	0637	-69 38.9	170 45.9	2026.6	10.4	172	
3	2	1972	0.0	0900	-70 3.4	170 55.4	2051.3	10.4	174	
3	2	1972	0.0*	0950	-70 12.0	170 57.9	2060.0	10.3	170	
3	2	1972	0.0*	1044	-70 21.2	171 2.3	2069.2	10.9	175	
3	2	1972	0.0*	1136	-70 30.6	171 4.7	2078.7	10.1	174	
3	2	1972	0.0	1200	-70 34.6	171 6.0	2082.7	10.0	174	
3	2	1972	0.0	1505	-71 5.2	171 15.5	2113.5	10.0	167	
3	2	1972	0.0*	1544	-71 11.6	171 19.8	2120.0	10.6	169	
3	2	1972	0.0	1630	-71 19.6	171 24.5	2128.1	9.7	169	
3	2	1972	0.0*	1706	-71 25.3	171 27.8	2133.9	11.4	165	
3	2	1972	0.0	1720	-71 27.9	171 29.9	2136.6	11.7	148	
3	2	1972	0.0	1745	-71 32.0	171 38.0	2141.5	1.7	139	START 7
3	2	1972	0.0*	1948	-71 34.7	171 45.0	2145.0	1.4	98	7
3	2	1972	0.0	2050	-71 34.9	171 49.4	2146.4	11.1	99	7
3	2	1972	0.0	2200	-71 37.1	172 30.0	2159.3	1.4	98	7
3	2	1972	0.0*	2324	-71 37.3	172 35.9	2161.2	0.2	65	7
4	2	1972	0.0*	0046	-71 37.2	172 36.9	2161.6	0.1	222	7
4	2	1972	0.0*	0424	-71 37.6	172 35.9	2162.0	0.1	164	7
4	2	1972	0.0*	0516	-71 37.6	172 35.9	2162.1	0.8	266	7
4	2	1972	0.0*	0612	-71 37.7	172 33.6	2162.8	0.3	35	7
4	2	1972	0.0*	0718	-71 37.4	172 34.3	2163.2	0.5	1	7
4	2	1972	0.0*	0900	-71 36.6	172 34.4	2164.0	0.3	101	7
4	2	1972	0.0*	1048	-71 36.7	172 35.9	2164.5	0.1	18	7
4	2	1972	0.0*	1214	-71 36.5	172 36.1	2164.7	1.9	46	7
4	2	1972	0.0*	1638	-71 30.7	172 55.1	2173.0	0.8	46	7
4	2	1972	0.0	1714	-71 30.4	172 56.1	2173.5	9.9	100	END 7
4	2	1972	0.0*	1748	-71 31.4	173 13.6	2179.1	9.1	107	
4	2	1972	0.0*	1900	-71 34.7	173 46.3	2190.0	9.0	105	
4	2	1972	0.0*	2050	-71 39.1	174 36.6	2206.4	8.8	104	
4	2	1972	0.0	2202	-71 41.7	175 9.3	2217.0	9.3	100	
5	2	1972	0.0*	0050	-71 46.2	176 30.8	2243.0	9.1	102	
5	2	1972	0.0*	0138	-71 47.8	176 53.6	2250.3	9.2	103	
5	2	1972	0.0*	0236	-71 49.8	177 21.3	2259.1	9.0	104	
5	2	1972	0.0*	0434	-71 54.1	178 16.7	2276.9	9.3	100	
5	2	1972	0.0	0500	-71 54.9	178 29.4	2281.0	9.1	98	
5	2	1972	0.0*	0700	-71 57.6	179 27.2	2299.1	9.0	89	
5	2	1972	0.0	0802	-71 57.5	179 57.2	2308.4	1.6	338	START 8
5	2	1972	0.0	0830	-71 56.8	179 56.3	2309.1	2.2	68	8
5	2	1972	0.0*	1122	-71 54.5	-179 44.7	2315.4	2.6	62	8
5	2	1972	0.0*	1308	-71 52.4	-179 31.7	2320.0	2.6	66	8
5	2	1972	0.0*	1428	-71 51.0	-179 21.7	2323.4	2.9	72	8
5	2	1972	0.0*	1526	-71 50.1	-179 13.1	2326.2	2.9	98	8
5	2	1972	0.0	1530	-71 50.2	-179 12.5	2326.4	2.5	88	8
5	2	1972	0.0*	1642	-71 50.1	-179 3.0	2329.4	3.5	81	8
5	2	1972	0.0	1645	-71 50.1	-179 2.5	2329.5	1.4	60	8
5	2	1972	0.0	1935	-71 48.2	-178 51.6	2333.4	5.5	261	8
5	2	1972	0.0*	2052	-71 49.3	-179 13.8	2340.4	7.9	259	8
5	2	1972	0.0	2125	-71 50.0	-179 27.6	2344.8	1.2	276	8
5	2	1972	0.0*	2220	-71 49.9	-179 31.1	2345.9	0.1	174	8
6	2	1972	0.0*	0302	-71 50.2	-179 31.0	2346.2	0.9	220	8
6	2	1972	0.0*	0350	-71 50.8	-179 32.5	2346.9	0.4	343	8
6	2	1972	0.0*	0418	-71 50.6	-179 32.7	2347.1	0.6	19	8

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
6	2	1972	0.0*	0522	-71	50.0 -179 32.0	2347.8	0.9	238	8
6	2	1972	0.0*	0708	-71	50.8 -179 36.2	2349.3	1.3	85	8
6	2	1972	0.0*	0820	-71	50.7 -179 31.3	2350.8	0.9	87	8
6	2	1972	0.0	1530	-71	50.4 -179 10.5	2357.3	10.5	144	END 8
6	2	1972	0.0*	1636	-71	59.8 -178 48.9	2368.9	9.5	148	
6	2	1972	0.0*	1740	-72	8.5 -178 31.7	2379.1	9.4	147	
6	2	1972	0.0	1807	-72	12.0 -178 24.3	2383.3	9.4	151	
6	2	1972	0.0*	1824	-72	14.4 -178 20.1	2386.0	9.5	154	
6	2	1972	0.0*	2122	-72	39.7 -177 39.0	2414.1	9.4	153	
6	2	1972	0.0	2200	-72	45.0 -177 30.1	2420.1	9.6	148	
6	2	1972	0.0*	2330	-72	57.3 -177 4.3	2434.5	9.6	151	
7	2	1972	0.0*	0056	-73	9.3 -176 41.5	2448.3	9.2	152	
7	2	1972	0.0	0100	-73	9.9 -176 40.5	2448.9	9.4	151	
7	2	1972	0.0*	0320	-73	29.1 -176 4.6	2470.7	8.9	147	
7	2	1972	0.0*	0402	-73	34.4 -175 52.9	2477.0	10.3	149	
7	2	1972	0.0*	0450	-73	41.5 -175 38.0	2485.2	11.6	149	
7	2	1972	0.0	0621	-73	56.7 -175 6.2	2502.8	1.2	173	START 9
7	2	1972	0.0	0730	-73	58.0 -175 5.6	2504.1	2.9	104	9
7	2	1972	0.0*	0814	-73	58.5 -174 58.2	2506.2	2.3	95	9
7	2	1972	0.0	0917	-73	58.8 -174 49.3	2508.7	0.8	204	9
7	2	1972	0.0*	1102	-74	0.0 -174 51.3	2510.0	1.6	65	9
7	2	1972	0.0	1819	-73	55.0 -174 12.3	2521.9	8.5	308	9
7	2	1972	0.0	1839	-73	53.2 -174 20.4	2524.8	1.7	65	9
7	2	1972	0.0*	2006	-73	52.2 -174 12.5	2527.2	1.2	326	9
7	2	1972	0.0*	2246	-73	49.5 -174 19.0	2530.5	1.3	308	9
8	2	1972	0.0*	0124	-73	47.4 -174 28.5	2533.8	0.8	137	9
8	2	1972	0.0*	0310	-73	48.4 -174 25.2	2535.2	0.2	141	9
8	2	1972	0.0*	0346	-73	48.5 -174 24.9	2535.3	0.3	277	9
8	2	1972	0.0*	0532	-73	48.4 -174 27.0	2535.9	1.1	158	9
8	2	1972	0.0*	0642	-73	49.6 -174 25.4	2537.1	1.1	319	9
8	2	1972	0.0*	0910	-73	47.5 -174 31.7	2539.8	0.9	309	9
8	2	1972	0.0	1020	-73	46.9 -174 34.5	2540.8	5.0	219	END 9
8	2	1972	0.0*	1056	-73	49.2 -174 41.3	2543.8	5.1	224	
8	2	1972	0.0	1226	-73	54.7 -175 0.6	2551.5	7.1	197	
8	2	1972	0.0	1250	-73	57.4 -175 3.7	2554.4	4.9	224	
8	2	1972	0.0*	1256	-73	57.8 -175 4.9	2554.9	5.8	225	
8	2	1972	0.0*	1346	-74	1.1 -175 17.3	2559.7	4.5	219	
8	2	1972	0.0*	1446	-74	4.6 -175 27.6	2564.2	4.8	220	
8	2	1972	0.0	1510	-74	6.1 -175 32.2	2566.1	7.1	206	
8	2	1972	0.0*	1540	-74	9.3 -175 38.0	2569.6	6.7	209	
8	2	1972	0.0*	1630	-74	14.1 -175 48.3	2575.3	6.8	207	
8	2	1972	0.0*	1754	-74	22.6 -176 4.4	2584.7	8.0	199	
8	2	1972	0.0*	1820	-74	25.8 -176 8.8	2588.2	7.5	201	
8	2	1972	0.0	1846	-74	28.9 -176 13.1	2591.4	8.6	203	
8	2	1972	0.0*	1920	-74	33.3 -176 20.5	2596.3	7.1	207	
8	2	1972	0.0	1937	-74	35.1 -176 24.0	2598.4	7.9	215	
8	2	1972	0.0*	2126	-74	46.8 -176 55.0	2612.6	7.4	213	
8	2	1972	0.0*	2252	-74	55.6 -177 17.4	2623.2	10.3	214	
8	2	1972	0.0*	2320	-74	59.6 -177 28.0	2628.1	9.0	213	
9	2	1972	0.0	0000	-75	4.7 -177 40.7	2634.1	10.4	212	
9	2	1972	0.0*	0102	-75	13.7 -178 3.4	2644.8	9.3	212	
9	2	1972	0.0*	0322	-75	32.1 -178 49.3	2666.6	10.8	212	
9	2	1972	0.0	0400	-75	37.9 -179 4.0	2673.4	10.8	212	
9	2	1972	0.0*	0442	-75	44.2 -179 20.5	2681.0	10.4	210	
9	2	1972	0.0*	0506	-75	47.8 -179 29.2	2685.1	9.9	210	
9	2	1972	0.0*	0556	-75	54.9 -179 46.4	2693.4	10.8	219	
9	2	1972	0.0	0645	-76	1.8 -180 9.4	2702.2	1.7	296	START 10
9	2	1972	0.0	0722	-76	1.3 -180 13.2	2703.3	2.6	100	10
9	2	1972	0.0	0950	-76	2.5 -179 46.7	2709.8	0.7	135	10
9	2	1972	0.0*	1114	-76	3.2 -179 43.9	2710.7	2.7	112	10
9	2	1972	0.0	1121	-76	3.3 -179 42.7	2711.1	3.5	98	10
9	2	1972	0.0	1209	-76	3.7 -179 31.3	2713.8	0.6	67	10
9	2	1972	0.0*	1256	-76	3.6 -179 29.7	2714.3	1.7	99	10
9	2	1972	0.0*	1356	-76	3.8 -179 22.9	2715.9	0.6	31	10
9	2	1972	0.0	1400	-76	3.8 -179 22.8	2715.9	2.3	101	10
9	2	1972	0.0*	1550	-76	4.7 -179 5.4	2720.2	2.3	101	10
9	2	1972	0.0*	1644	-76	5.1 -178 57.0	2722.3	2.1	98	10
9	2	1972	0.0	1700	-76	5.2 -178 54.7	2722.8	2.3	94	10
9	2	1972	0.0*	1722	-76	5.2 -178 51.2	2723.7	1.2	328	10
9	2	1972	0.0	1756	-76	4.6 -178 52.7	2724.4	1.2	90	10

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
9	2	1972	0.0	1940	-76	4.7 -178 44.3	2726.4	1.2	30	10
9	2	1972	0.0	2215	-76	1.9 -178 37.6	2729.6	3.5	301	10
9	2	1972	0.0*	2256	-76	0.6 -178 46.2	2732.0	1.0	97	10
10	2	1972	0.0	0155	-76	1.0 -178 34.2	2734.9	1.6	292	10
10	2	1972	0.0*	0352	-75	59.8 -178 46.2	2738.0	0.7	142	10
10	2	1972	0.0*	0542	-76	0.9 -178 42.7	2739.4	0.5	94	10
10	2	1972	0.0*	0742	-76	0.9 -178 38.5	2740.4	1.4	121	10
10	2	1972	0.0	1010	-76	2.7 -178 26.5	2743.8	6.3	332	10
10	2	1972	0.0	1050	-75	59.0 -178 34.5	2748.0	1.4	121	10
10	2	1972	0.0	1220	-76	0.0 -178 27.3	2750.1	9.8	1	END 10
10	2	1972	0.0*	1240	-75	56.8 -178 27.0	2753.3	10.1	347	
10	2	1972	0.0	1425	-75	39.5 -178 43.3	2771.1	11.1	321	
10	2	1972	0.0*	1434	-75	38.2 -178 47.5	2772.7	9.7	330	
10	2	1972	0.0	1508	-75	33.4 -178 58.4	2778.2	8.7	312	
10	2	1972	0.0	1525	-75	31.8 -179 5.7	2780.7	10.0	330	
10	2	1972	0.0*	1548	-75	28.4 -179 13.3	2784.5	10.5	324	
10	2	1972	0.0	1600	-75	26.7 -179 18.1	2786.7	10.4	105	
10	2	1972	0.0*	1626	-75	27.9 -179 0.8	2791.2	9.7	102	
10	2	1972	0.0*	1740	-75	30.4 -178 14.2	2803.1	9.8	102	
10	2	1972	0.0*	1818	-75	31.8 -177 49.9	2809.3	10.0	102	
10	2	1972	0.0*	2004	-75	35.5 -176 40.6	2827.0	9.3	102	
10	2	1972	0.0	2029	-75	36.4 -176 25.4	2830.9	9.3	106	
10	2	1972	0.0*	2208	-75	40.6 -175 25.7	2846.3	9.9	107	
10	2	1972	0.0*	2324	-75	44.4 -174 37.5	2858.8	10.2	111	
11	2	1972	0.0*	0042	-75	49.2 -173 47.1	2872.1	10.4	110	
11	2	1972	0.0	0200	-75	53.9 -172 55.6	2885.5	9.8	110	
11	2	1972	0.0*	0256	-75	57.1 -172 20.1	2894.7	9.5	106	
11	2	1972	0.0*	0448	-76	2.2 -171 10.0	2912.4	9.5	92	
11	2	1972	0.0	0600	-76	2.7 -170 22.6	2923.9	1.8	345	START 11
11	2	1972	0.0*	0750	-75	59.6 -170 25.9	2927.1	1.6	17	11
11	2	1972	0.0	0930	-75	57.0 -170 22.5	2929.8	4.3	24	11
11	2	1972	0.0*	1122	-75	49.7 -170 9.1	2937.8	3.5	33	11
11	2	1972	0.0*	1306	-75	44.7 -169 55.6	2943.8	2.9	28	11
11	2	1972	0.0*	1406	-75	42.2 -169 49.9	2946.7	4.4	34	11
11	2	1972	0.0	1430	-75	40.8 -169 45.9	2948.4	1.8	44	11
11	2	1972	0.0*	1520	-75	39.7 -169 41.7	2949.9	0.6	104	11
11	2	1972	0.0	1630	-75	39.9 -169 39.0	2950.6	11.0	188	11
11	2	1972	0.0*	1650	-75	43.5 -169 41.3	2954.3	11.0	195	11
11	2	1972	0.0	1714	-75	47.7 -169 46.1	2958.6	10.6	198	11
11	2	1972	0.0	1835	-76	1.2 -170 5.0	2972.9	0.7	277	11
11	2	1972	0.0*	1840	-76	1.2 -170 5.2	2973.0	0.6	221	11
11	2	1972	0.0	1850	-76	1.3 -170 5.5	2973.0	11.5	196	11
11	2	1972	0.0	1919	-76	6.6 -170 12.0	2978.6	0.6	221	11
11	2	1972	0.0*	1932	-76	6.7 -170 12.3	2978.7	1.0	167	11
11	2	1972	0.0	2040	-76	7.8 -170 11.3	2979.9	9.5	17	11
11	2	1972	0.0*	2122	-76	1.4 -170 2.8	2986.5	10.5	17	11
11	2	1972	0.0	2125	-76	0.9 -170 2.2	2987.1	0.4	90	11
11	2	1972	0.0*	2306	-76	0.9 -169 59.1	2987.8	0.0	353	11
12	2	1972	0.0*	0206	-76	0.8 -169 59.1	2987.9	1.2	88	11
12	2	1972	0.0*	0418	-76	0.8 -169 48.6	2990.4	0.8	301	11
12	2	1972	0.0*	0552	-76	0.2 -169 52.8	2991.6	0.8	16	11
12	2	1972	0.0*	0728	-75	59.0 -169 51.3	2992.9	0.7	315	11
12	2	1972	0.0*	0846	-75	58.4 -169 53.8	2993.7	0.4	167	11
12	2	1972	0.0	1235	-75	59.8 -169 52.5	2995.2	10.9	87	END 11
12	2	1972	0.0*	1430	-75	58.7 -168 26.6	3016.0	10.3	94	
12	2	1972	0.0*	1600	-75	59.8 -167 23.0	3031.4	10.8	90	
12	2	1972	0.0	1620	-75	59.8 -167 8.2	3035.0	10.0	79	
12	2	1972	0.0*	1804	-75	56.6 -165 58.2	3052.3	8.6	76	
12	2	1972	0.0	1820	-75	56.0 -165 49.1	3054.6	8.7	89	
12	2	1972	0.0*	1848	-75	56.0 -165 32.3	3058.7	9.3	92	
12	2	1972	0.0	2053	-75	56.9 -164 12.4	3078.1	9.0	80	
12	2	1972	0.0	2103	-75	56.7 -164 6.2	3079.6	8.6	93	
12	2	1972	0.0*	2126	-75	56.9 -163 52.7	3082.9	9.1	88	
12	2	1972	0.0*	2220	-75	56.6 -163 18.8	3091.1	8.8	87	
12	2	1972	0.0	2300	-75	56.4 -162 54.8	3097.0	8.9	91	
12	2	1972	0.0*	2326	-75	56.5 -162 38.8	3100.9	9.0	98	
13	2	1972	0.0*	0116	-75	58.8 -161 31.1	3117.5	9.3	88	
13	2	1972	0.0	0141	-75	58.7 -161 15.2	3121.3	10.1	92	
13	2	1972	0.0*	0302	-75	59.3 -160 18.8	3135.0	11.1	92	
13	2	1972	0.0	0333	-75	59.6 -159 55.1	3140.7	0.6	85	START 12

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
13	2	1972	0.0*	0504	-75	59.5 -159 51.5	3141.6	1.0	344	12
13	2	1972	0.0	0541	-75	58.9 -159 52.2	3142.2	5.1	353	12
13	2	1972	0.0*	0608	-75	56.6 -159 53.3	3144.5	4.1	348	12
13	2	1972	0.0	0653	-75	53.6 -159 55.7	3147.6	3.0	352	12
13	2	1972	0.0*	0708	-75	52.8 -159 56.2	3148.4	3.5	352	12
13	2	1972	0.0	0845	-75	47.2 -159 59.0	3154.0	2.5	349	12
13	2	1972	0.0*	0858	-75	46.7 -159 59.4	3154.5	3.3	346	12
13	2	1972	0.0	0950	-75	44.0 -160 2.1	3157.4	1.3	323	12
13	2	1972	0.0*	1014	-75	43.5 -160 3.4	3157.9	1.2	189	12
13	2	1972	0.0	1026	-75	43.8 -160 3.6	3158.1	11.7	178	12
13	2	1972	0.0*	1130	-75	56.2 -160 2.0	3170.6	10.2	181	12
13	2	1972	0.0	1211	-76	3.2 -160 3.0	3177.6	1.0	291	12
13	2	1972	0.0	1251	-76	2.9 -160 5.5	3178.2	3.1	316	12
13	2	1972	0.0	1336	-76	1.3 -160 12.1	3180.5	3.3	325	12
13	2	1972	0.0*	1344	-76	0.9 -160 13.1	3181.0	2.5	340	12
13	2	1972	0.0*	1524	-75	56.9 -160 19.0	3185.2	1.7	316	12
13	2	1972	0.0	1605	-75	56.0 -160 22.3	3186.4	1.2	312	12
13	2	1972	0.0*	1610	-75	56.0 -160 22.6	3186.5	3.7	328	12
13	2	1972	0.0	1700	-75	53.3 -160 29.3	3189.6	1.8	314	12
13	2	1972	0.0	1900	-75	50.8 -160 39.6	3193.1	1.8	313	12
13	2	1972	0.0*	1912	-75	50.6 -160 40.7	3193.5	0.3	218	12
13	2	1972	0.0*	1944	-75	50.7 -160 41.1	3193.6	0.8	238	12
13	2	1972	0.0*	2222	-75	51.8 -160 48.7	3195.8	1.6	203	12
14	2	1972	0.0*	0150	-75	56.9 -160 57.8	3201.4	0.5	128	12
14	2	1972	0.0*	0616	-75	58.4 -160 50.2	3203.7	1.1	211	12
14	2	1972	0.0*	0732	-75	59.5 -160 53.1	3205.0	0.2	180	12
14	2	1972	0.0*	0956	-75	59.9 -160 53.1	3205.4	1.7	220	12
14	2	1972	0.0*	1042	-76	0.9 -160 56.6	3206.7	0.8	158	12
14	2	1972	0.0*	1332	-76	3.1 -160 53.0	3209.1	0.7	90	12
14	2	1972	0.0*	1436	-76	3.1 -160 49.8	3209.9	0.6	276	12
14	2	1972	0.0	1505	-76	3.1 -160 51.0	3210.1	10.5	160	END 12
14	2	1972	0.0*	1608	-76	13.4 -160 35.8	3221.1	9.9	164	
14	2	1972	0.0*	1634	-76	17.6 -160 31.0	3225.4	10.5	165	
14	2	1972	0.0*	1758	-76	31.8 -160 15.5	3240.1	10.4	166	
14	2	1972	0.0*	1822	-76	35.8 -160 11.4	3244.2	11.0	170	
14	2	1972	0.0	1844	-76	39.8 -160 8.4	3248.2	10.5	166	
14	2	1972	0.0	2043	-77	0.1 -159 47.3	3269.1	9.7	160	
14	2	1972	0.0	2130	-77	7.2 -159 36.2	3276.7	6.3	120	
14	2	1972	0.0	2208	-77	9.3 -159 20.9	3280.6	5.1	106	
14	2	1972	0.0*	2226	-77	9.7 -159 14.2	3282.2	7.7	92	
14	2	1972	0.0	2300	-77	9.9 -158 54.5	3286.6	0.8	68	START 13
15	2	1972	0.0*	0322	-77	8.6 -158 40.2	3290.0	0.3	243	13
15	2	1972	0.0*	0458	-77	8.8 -158 42.0	3290.4	1.6	265	13
15	2	1972	0.0*	1244	-77	9.7 -159 36.6	3302.6	1.6	267	13
15	2	1972	0.0*	1342	-77	9.7 -159 43.7	3304.2	1.0	261	13
15	2	1972	0.0	1520	-77	10.0 -159 51.0	3305.8	9.1	95	END 13
15	2	1972	0.0	1555	-77	10.5 -159 27.1	3311.2	10.1	150	
15	2	1972	0.0	1607	-77	12.3 -159 22.6	3313.2	10.1	129	
15	2	1972	0.0	1700	-77	17.9 -158 51.0	3322.1	10.6	167	
15	2	1972	0.0*	1708	-77	19.3 -158 49.6	3323.6	10.4	169	
15	2	1972	0.0*	1734	-77	23.7 -158 45.7	3328.1	11.4	161	
15	2	1972	0.0	1747	-77	26.0 -158 42.2	3330.5	10.7	215	
15	2	1972	0.0*	1806	-77	28.8 -158 51.2	3333.9	10.0	221	
15	2	1972	0.0	1836	-77	32.5 -159 6.6	3338.9	10.1	180	
15	2	1972	0.0	1907	-77	37.7 -159 6.8	3344.1	9.8	218	
15	2	1972	0.0	1914	-77	38.6 -159 10.1	3345.3	10.8	244	
15	2	1972	0.0*	1924	-77	39.4 -159 17.7	3347.1	10.2	236	
15	2	1972	0.0*	1954	-77	42.2 -159 37.6	3352.1	10.7	240	
15	2	1972	0.0	1958	-77	42.6 -159 40.5	3352.9	9.6	256	
15	2	1972	0.0	2030	-77	43.8 -160 3.9	3358.0	0.3	19	START 14
15	2	1972	0.0*	2112	-77	43.6 -160 3.7	3358.2	1.2	2	14
15	2	1972	0.0*	2230	-77	42.1 -160 3.3	3359.7	0.4	171	14
16	2	1972	0.0*	0048	-77	42.9 -160 2.7	3360.5	0.7	283	14
16	2	1972	0.0*	0236	-77	42.6 -160 8.6	3361.8	0.6	355	14
16	2	1972	0.0*	0402	-77	41.8 -160 9.0	3362.7	0.5	196	14
16	2	1972	0.0*	0542	-77	42.6 -160 10.1	3363.5	1.5	295	14
16	2	1972	0.0	0730	-77	41.5 -160 21.3	3366.2	6.4	135	14
16	2	1972	0.0	0753	-77	43.2 -160 13.2	3368.6	3.8	328	14
16	2	1972	0.0*	0820	-77	41.8 -160 17.5	3370.3	3.9	326	14
16	2	1972	0.0	0920	-77	38.5 -160 27.5	3374.2	7.4	166	14

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
16	2	1972	0.0	0954	-77	42.6 -160 23.0	3378.4	1.6	293	14
16	2	1972	0.0	1141	-77	41.5 -160 35.1	3381.2	11.6	227	END 14
16	2	1972	0.0*	1152	-77	43.0 -160 42.5	3383.4	11.1	220	
16	2	1972	0.0	1236	-77	49.1 -161 7.6	3391.5	8.8	231	
16	2	1972	0.0	1303	-77	51.6 -161 22.1	3395.4	9.9	240	
16	2	1972	0.0	1330	-77	53.8 -161 40.6	3399.9	10.0	245	
16	2	1972	0.0*	1344	-77	54.7 -161 50.8	3402.2	10.0	245	
16	2	1972	0.0*	1440	-77	58.7 -162 31.4	3411.6	11.2	244	
16	2	1972	0.0	1527	-78	2.4 -163 9.4	3420.3	1.3	242	
16	2	1972	0.0*	1532	-78	2.5 -163 9.9	3420.4	1.3	56	
16	2	1972	0.0*	1622	-78	1.9 -163 5.7	3421.5	0.5	225	
16	2	1972	0.0	1645	-78	2.0 -163 6.4	3421.7	9.8	268	
16	2	1972	0.0	1730	-78	2.3 -163 41.9	3429.0	9.9	268	
16	2	1972	0.0	1842	-78	2.7 -164 39.4	3441.0	10.8	177	
16	2	1972	0.0*	1904	-78	6.7 -164 38.4	3444.9	10.6	180	
16	2	1972	0.0	2003	-78	17.1 -164 38.5	3455.3	5.2	169	
16	2	1972	0.0	2022	-78	18.7 -164 37.0	3457.0	6.8	188	
16	2	1972	0.0	2049	-78	21.8 -164 39.1	3460.1	5.5	148	
16	2	1972	0.0*	2052	-78	22.0 -164 38.4	3460.3	5.7	145	
16	2	1972	0.0	2107	-78	23.2 -164 34.4	3461.8	7.6	203	
16	2	1972	0.0	2134	-78	26.3 -164 41.1	3465.2	7.4	140	
16	2	1972	0.0	2154	-78	28.2 -164 33.3	3467.7	7.6	131	
16	2	1972	0.0	2226	-78	30.9 -164 18.0	3471.8	0.6	263	START 15
16	2	1972	0.0*	2240	-78	30.9 -164 18.7	3471.9	1.4	311	15
16	2	1972	0.0*	2326	-78	30.3 -164 22.6	3472.9	0.7	305	15
17	2	1972	0.0*	0146	-78	29.3 -164 29.4	3474.6	0.7	286	15
17	2	1972	0.0*	0356	-78	28.9 -164 36.2	3476.0	0.7	340	15
17	2	1972	0.0*	1202	-78	23.9 -164 45.2	3481.3	1.1	132	15
17	2	1972	0.0*	1932	-78	29.6 -164 13.9	3489.8	0.3	308	15
18	2	1972	0.0*	0030	-78	28.8 -164 19.1	3491.1	0.4	214	15
18	2	1972	0.0*	0244	-78	29.6 -164 21.7	3492.0	0.8	23	15
18	2	1972	0.0*	0400	-78	28.6 -164 19.6	3493.0	0.8	222	15
18	2	1972	0.0*	0620	-78	29.9 -164 25.6	3494.8	1.5	14	15
18	2	1972	0.0*	0640	-78	29.4 -164 25.0	3495.3	1.8	66	15
18	2	1972	0.0*	0742	-78	28.7 -164 16.3	3497.2	0.2	183	15
18	2	1972	0.0*	1132	-78	29.5 -164 16.5	3498.0	2.4	288	15
18	2	1972	0.0*	1352	-78	27.7 -164 42.8	3503.6	2.5	96	15
18	2	1972	0.0*	1506	-78	28.1 -164 27.8	3506.6	2.9	264	15
18	2	1972	0.0*	1654	-78	28.6 -164 53.7	3511.8	3.3	77	15
18	2	1972	0.0*	1802	-78	27.8 -164 35.4	3515.6	2.7	111	15
18	2	1972	0.0*	1916	-78	29.0 -164 20.1	3518.9	1.0	30	15
18	2	1972	0.0	2025	-78	28.0 -164 17.1	3520.0	9.0	275	END 15
18	2	1972	0.0	2100	-78	27.4 -164 43.1	3525.3	10.8	303	
18	2	1972	0.0*	2104	-78	27.0 -164 46.1	3526.0	11.3	301	
18	2	1972	0.0*	2148	-78	22.7 -165 21.0	3534.2	11.7	296	
18	2	1972	0.0	2200	-78	21.7 -165 31.5	3536.6	11.2	285	
18	2	1972	0.0	2228	-78	20.2 -165 56.4	3541.8	10.7	277	
18	2	1972	0.0	2258	-78	19.5 -166 22.7	3547.2	11.1	273	
19	2	1972	0.0	0000	-78	18.9 -167 19.3	3558.7	11.1	270	
19	2	1972	0.0*	0010	-78	18.9 -167 28.5	3560.5	11.1	272	
19	2	1972	0.0	0153	-78	18.1 -169 2.8	3579.7	10.8	261	
19	2	1972	0.0	0220	-78	18.8 -169 26.6	3584.5	11.5	272	
19	2	1972	0.0*	0302	-78	18.4 -170 6.3	3592.6	9.3	277	
19	2	1972	0.0	0305	-78	18.4 -170 8.6	3593.0	9.5	271	
19	2	1972	0.0	0331	-78	18.3 -170 28.9	3597.2	9.2	277	
19	2	1972	0.0*	0344	-78	18.0 -170 38.7	3599.2	11.1	273	
19	2	1972	0.0*	0454	-78	17.2 -171 42.6	3612.2	10.9	272	
19	2	1972	0.0	0554	-78	16.7 -172 36.4	3623.1	7.1	270	
19	2	1972	0.0*	0836	-78	16.5 -174 11.0	3642.3	7.2	266	
19	2	1972	0.0	0838	-78	16.6 -174 12.2	3642.6	0.5	266	START 16
19	2	1972	0.0	0908	-78	16.6 -174 13.5	3642.8	2.0	91	16
19	2	1972	0.0*	1114	-78	16.6 -173 53.2	3646.9	2.7	71	16
19	2	1972	0.0	1127	-78	16.5 -173 50.5	3647.5	2.5	75	16
19	2	1972	0.0*	1206	-78	16.1 -173 42.9	3649.1	2.8	93	16
19	2	1972	0.0*	1450	-78	16.6 -173 4.7	3656.9	3.6	86	16
19	2	1972	0.0	1548	-78	16.4 -172 47.6	3660.4	7.0	258	16
19	2	1972	0.0*	1606	-78	16.8 -172 57.7	3662.5	9.2	260	16
19	2	1972	0.0	1646	-78	17.9 -173 27.5	3668.6	1.5	70	16
19	2	1972	0.0*	1706	-78	17.7 -173 25.2	3669.1	3.0	80	16
19	2	1972	0.0*	1752	-78	17.3 -173 13.9	3671.5	2.7	95	16

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
19	2	1972	0.0*	1826	-78	17.4 -173 6.3	3673.0	3.9	80	16
19	2	1972	0.0*	1856	-78	17.1 -172 56.8	3675.0	1.3	97	16
19	2	1972	0.0	1900	-78	17.1 -172 56.4	3675.1	6.7	189	16
19	2	1972	0.0	1930	-78	20.4 -172 59.0	3678.4	1.2	251	16
19	2	1972	0.0*	1942	-78	20.5 -173 0.2	3678.6	0.5	339	16
19	2	1972	0.0*	2318	-78	18.9 -173 3.2	3680.3	0.7	19	16
20	2	1972	0.0*	0106	-78	17.7 -173 1.0	3681.6	0.1	65	16
20	2	1972	0.0*	0414	-78	17.5 -172 59.1	3682.1	0.6	314	16
20	2	1972	0.0*	0836	-78	15.7 -173 8.3	3684.7	0.6	33	16
20	2	1972	0.0*	1110	-78	14.3 -173 4.0	3686.3	1.0	161	16
20	2	1972	0.0	1253	-78	16.0 -173 1.3	3688.0	5.5	357	16
20	2	1972	0.0	1317	-78	13.8 -173 1.8	3690.2	3.9	149	16
20	2	1972	0.0*	1402	-78	16.3 -172 54.5	3693.1	3.1	143	16
20	2	1972	0.0	1433	-78	17.6 -172 49.8	3694.7	9.5	271	END 16
20	2	1972	0.0*	1514	-78	17.4 -173 21.7	3701.2	10.3	272	
20	2	1972	0.0	1547	-78	17.1 -173 49.5	3706.8	10.7	282	
20	2	1972	0.0*	1552	-78	16.9 -173 53.8	3707.7	11.6	279	
20	2	1972	0.0	1619	-78	16.1 -174 19.1	3713.0	1.5	264	
20	2	1972	0.0	1639	-78	16.1 -174 21.6	3713.5	11.9	289	
20	2	1972	0.0	1703	-78	14.5 -174 43.6	3718.2	11.5	280	
20	2	1972	0.0*	1706	-78	14.4 -174 46.4	3718.8	9.6	282	
20	2	1972	0.0	1830	-78	11.5 -175 50.4	3732.2	9.6	260	
20	2	1972	0.0*	1854	-78	12.1 -176 8.9	3736.0	10.0	267	
20	2	1972	0.0*	1948	-78	12.6 -176 52.8	3745.0	9.9	261	
20	2	1972	0.0	2000	-78	12.9 -177 2.4	3747.0	9.4	272	
20	2	1972	0.0	2035	-78	12.7 -177 29.3	3752.5	9.5	281	
20	2	1972	0.0*	2044	-78	12.4 -177 36.2	3753.9	9.2	284	
20	2	1972	0.0*	2138	-78	10.4 -178 15.4	3762.2	9.1	282	
20	2	1972	0.0*	2230	-78	8.7 -178 52.9	3770.1	9.3	285	
20	2	1972	0.0*	2344	-78	5.6 -179 46.7	3781.6	9.6	286	
21	2	1972	0.0	0016	-78	4.2 -180 10.5	3786.7	9.2	291	
21	2	1972	0.0	0200	-77	58.5 -181 22.0	3802.6	10.0	345	
21	2	1972	0.0*	0256	-77	49.4 178 26.9	3812.0	9.8	348	
21	2	1972	0.0	0300	-77	48.7 178 26.2	3812.6	0.6	105	START 17
21	2	1972	0.0	0400	-77	48.9 178 29.2	3813.3	4.8	148	17
21	2	1972	0.0*	0412	-77	49.7 178 31.5	3814.2	5.0	148	17
21	2	1972	0.0*	0538	-77	55.8 178 49.4	3821.4	4.6	146	17
21	2	1972	0.0	0605	-77	57.5 178 54.9	3823.4	0.6	88	17
21	2	1972	0.0	0630	-77	57.5 178 56.1	3823.7	9.5	341	17
21	2	1972	0.0	0730	-77	48.5 178 41.8	3833.2	4.3	163	17
21	2	1972	0.0*	0816	-77	51.7 178 46.2	3836.5	4.2	160	17
21	2	1972	0.0	1000	-77	58.5 178 58.0	3843.8	0.9	78	17
21	2	1972	0.0	1020	-77	58.5 178 59.3	3844.1	7.4	321	17
21	2	1972	0.0	1106	-77	54.0 178 42.4	3849.7	4.2	96	17
21	2	1972	0.0*	1242	-77	54.8 179 14.1	3856.4	3.7	102	17
21	2	1972	0.0	1442	-77	56.4 179 49.0	3863.9	8.4	268	17
21	2	1972	0.0*	1504	-77	56.5 179 34.2	3867.0	10.3	269	17
21	2	1972	0.0*	1544	-77	56.6 179 1.5	3873.8	9.4	262	17
21	2	1972	0.0	1603	-77	56.9 178 47.3	3876.8	1.3	208	17
21	2	1972	0.0*	1614	-77	57.1 178 46.7	3877.0	0.5	20	17
21	2	1972	0.0*	1804	-77	56.3 178 48.2	3877.9	0.3	352	17
21	2	1972	0.0*	1916	-77	55.9 178 48.0	3878.3	0.5	354	17
21	2	1972	0.0*	2208	-77	54.5 178 47.4	3879.7	0.5	285	17
22	2	1972	0.0*	0138	-77	54.1 178 40.1	3881.3	0.3	271	17
22	2	1972	0.0*	0348	-77	54.1 178 37.4	3881.9	0.7	175	17
22	2	1972	0.0*	0448	-77	54.8 178 37.7	3882.6	0.3	321	17
22	2	1972	0.0*	0534	-77	54.6 178 36.9	3882.8	0.6	241	17
22	2	1972	0.0*	0634	-77	54.9 178 34.3	3883.5	0.8	320	17
22	2	1972	0.0*	0752	-77	54.1 178 31.2	3884.5	0.7	295	17
22	2	1972	0.0	0944	-77	53.6 178 25.9	3885.7	10.6	313	END 17
22	2	1972	0.0	1133	-77	40.2 177 20.0	3905.1	10.5	307	
22	2	1972	0.0	1201	-77	37.2 177 1.8	3910.0	10.7	301	
22	2	1972	0.0	1311	-77	30.7 176 12.5	3922.4	11.0	284	
22	2	1972	0.0	1430	-77	27.0 175 7.9	3936.9	11.1	323	
22	2	1972	0.0	1532	-77	17.8 174 36.6	3948.4	10.8	276	
22	2	1972	0.0	1701	-77	16.0 173 24.0	3964.5	11.3	295	
22	2	1972	0.0	1710	-77	15.3 173 17.1	3966.2	8.4	295	
22	2	1972	0.0	1806	-77	12.0 172 45.0	3974.0	11.3	295	
22	2	1972	0.0	1832	-77	9.9 172 25.0	3978.9	8.7	184	
22	2	1972	0.0	1900	-77	14.0 172 23.6	3982.9	0.7	295	START 18

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
23	2	1972	0.0	1149	-77	9.1 171 38.2	3994.1	4.1	191	END 18
23	2	1972	0.0	1257	-77	13.7 171 33.9	3998.8	1.5	207	
23	2	1972	0.0	1308	-77	13.9 171 33.3	3999.1	4.0	192	
23	2	1972	0.0	1318	-77	14.6 171 32.6	3999.7	0.7	294	
23	2	1972	0.0*	1732	-77	13.4 171 20.6	4002.7	1.7	321	
23	2	1972	0.0*	1812	-77	12.5 171 17.4	4003.8	1.3	331	
23	2	1972	0.0	1952	-77	10.6 171 12.7	4006.0	1.8	9	
23	2	1972	0.0*	2006	-77	10.2 171 13.0	4006.4	2.0	54	
23	2	1972	0.0	2130	-77	8.5 171 23.4	4009.3	3.3	78	START 19
23	2	1972	0.0*	2336	-77	7.1 171 53.8	4016.2	2.3	98	19
24	2	1972	0.0	0000	-77	7.2 171 57.8	4017.1	0.5	210	19
24	2	1972	0.0	0027	-77	7.4 171 57.3	4017.3	2.2	92	19
24	2	1972	0.0*	0150	-77	7.6 172 10.8	4020.3	5.4	74	19
24	2	1972	0.0	0248	-77	6.1 172 33.1	4025.5	2.9	67	19
24	2	1972	0.0	0330	-77	5.4 172 41.6	4027.6	5.3	81	19
24	2	1972	0.0*	0422	-77	4.6 173 1.8	4032.1	3.3	105	19
24	2	1972	0.0	0514	-77	5.4 173 14.1	4035.0	0.9	129	19
24	2	1972	0.0	0552	-77	5.8 173 16.2	4035.6	6.8	268	END 19
24	2	1972	0.0*	0604	-77	5.9 173 10.1	4036.9	7.7	272	
24	2	1972	0.0*	0714	-77	5.5 172 30.0	4045.9	8.2	276	
24	2	1972	0.0	0755	-77	4.9 172 5.3	4051.5	10.4	275	
24	2	1972	0.0*	0832	-77	4.3 171 36.6	4057.9	10.6	272	
24	2	1972	0.0	0930	-77	3.9 170 50.8	4068.2	10.2	267	
24	2	1972	0.0*	1016	-77	4.2 170 16.0	4076.0	10.3	269	
24	2	1972	0.0*	1126	-77	4.4 169 22.4	4087.9	9.7	267	
24	2	1972	0.0	1130	-77	4.4 169 19.6	4088.6	8.6	267	
24	2	1972	0.0*	1346	-77	5.4 167 52.5	4108.1	9.9	265	
24	2	1972	0.0	1416	-77	5.8 167 30.5	4113.0	9.1	269	
24	2	1972	0.0	1516	-77	5.8 166 49.6	4122.1	8.5	274	
24	2	1972	0.0*	1536	-77	5.5 166 37.0	4125.0	7.0	276	
24	2	1972	0.0*	1604	-77	5.2 166 22.4	4128.2	8.7	275	
24	2	1972	0.0	1643	-77	4.6 165 57.3	4133.9	6.8	196	
24	2	1972	0.0	1730	-77	9.7 165 50.7	4139.2	7.3	234	
24	2	1972	0.0*	1800	-77	11.9 165 37.3	4142.8	6.5	223	
24	2	1972	0.0	1801	-77	11.9 165 37.0	4142.9	0.9	194	
24	2	1972	0.0	1905	-77	12.9 165 35.9	4143.9	6.5	182	
24	2	1972	0.0	2005	-77	19.4 165 34.4	4150.4	7.0	177	
24	2	1972	0.0*	2200	-77	32.8 165 37.0	4163.8	5.8	177	
24	2	1972	0.0	2201	-77	32.9 165 37.0	4163.9	7.4	144	
25	2	1972	0.0	0100	-77	51.0 166 37.5	4186.2			

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DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
26	2	1972	0.0*	1839	-77	53.0	166 44.4	0.0	1.1	320
26	2	1972	0.0	1840	-77	53.0	166 44.4	0.0	5.0	296
26	2	1972	0.0	1843	-77	52.9	166 43.3	0.3	11.0	320
26	2	1972	0.0	1905	-77	49.8	166 31.0	4.3	11.1	315
26	2	1972	0.0	1920	-77	47.8	166 21.8	7.1	11.2	320
26	2	1972	0.0	1950	-77	43.5	166 4.9	12.7	10.8	315
26	2	1972	0.0	2003	-77	41.8	165 57.2	15.0	11.2	318
26	2	1972	0.0	2015	-77	40.2	165 50.2	17.2	9.3	320
26	2	1972	0.0	2026	-77	38.8	165 45.1	18.9	11.1	339
26	2	1972	0.0	2029	-77	38.3	165 44.2	19.5	10.7	348
26	2	1972	0.0	2037	-77	36.9	165 42.9	20.9	10.9	353
26	2	1972	0.0	2040	-77	36.4	165 42.6	21.5	11.0	358
26	2	1972	0.0	2102	-77	32.4	165 42.0	25.5	10.5	14
26	2	1972	0.0	2116	-77	30.0	165 44.9	28.0	1.2	320
26	2	1972	0.0*	2146	-77	29.5	165 43.2	28.5	0.8	352
26	2	1972	0.0*	2330	-77	28.1	165 42.3	30.0	1.0	310
27	2	1972	0.0*	0232	-77	26.2	165 32.1	32.9	0.6	53
27	2	1972	0.0*	0330	-77	25.8	165 34.4	33.5	0.8	303
27	2	1972	0.0*	0516	-77	25.0	165 28.7	35.0	0.8	311
27	2	1972	0.0*	0616	-77	24.5	165 25.9	35.8	0.9	286
27	2	1972	0.0*	0754	-77	24.1	165 19.4	37.3	0.3	6
27	2	1972	0.0	0850	-77	23.8	165 19.6	37.6	3.0	84
27	2	1972	0.0	0930	-77	23.6	165 28.8	39.6	0.3	6
27	2	1972	0.0*	0950	-77	23.5	165 28.9	39.7	0.6	1
27	2	1972	0.0	1033	-77	23.0	165 28.9	40.1	3.7	80
27	2	1972	0.0	1056	-77	22.8	165 35.3	41.6	0.6	1
27	2	1972	0.0*	1126	-77	22.5	165 35.4	41.9	1.1	14
27	2	1972	0.0	1210	-77	21.7	165 36.3	42.7	4.5	47
27	2	1972	0.0	1215	-77	21.5	165 37.6	43.1	6.1	12
27	2	1972	0.0*	1234	-77	19.6	165 39.4	45.0	5.5	6
27	2	1972	0.0*	1348	-77	12.8	165 42.6	51.8	5.6	1
27	2	1972	0.0	1430	-77	8.9	165 43.0	55.7	5.8	1
27	2	1972	0.0*	1610	-76	59.2	165 44.0	65.4	5.9	0
27	2	1972	0.0	1640	-76	56.3	165 44.2	68.3	6.1	6
27	2	1972	0.0*	1650	-76	55.3	165 44.7	69.4	6.3	10
27	2	1972	0.0*	1738	-76	50.3	165 48.6	74.4	6.0	7
27	2	1972	0.0	1846	-76	43.6	165 52.2	81.2	8.6	10
27	2	1972	0.0	1930	-76	37.4	165 57.2	87.5	9.1	15
27	2	1972	0.0*	1948	-76	34.8	166 0.4	90.2	8.9	18
27	2	1972	0.0*	2054	-76	25.4	166 13.8	100.0	8.2	24
27	2	1972	0.0	2104	-76	24.2	166 16.3	101.4	8.0	28
27	2	1972	0.0	2132	-76	20.9	166 23.9	105.1	8.0	137
27	2	1972	0.0*	2208	-76	24.4	166 37.7	109.9	8.0	135
27	2	1972	0.0*	2240	-76	27.5	166 50.4	114.2	8.1	133
27	2	1972	0.0	2330	-76	32.1	167 11.4	120.9	6.3	132
28	2	1972	0.0	0030	-76	36.4	167 31.2	127.2	5.7	132
28	2	1972	0.0	0130	-76	40.3	167 49.4	132.9	5.8	132
28	2	1972	0.0	0230	-76	44.2	168 7.9	138.7	6.7	133
28	2	1972	0.0	0311	-76	47.3	168 22.4	143.3	5.5	124
28	2	1972	0.0	0430	-76	51.4	168 48.5	150.5	6.5	124
28	2	1972	0.0	0600	-76	57.0	169 24.0	160.3	6.5	124
28	2	1972	0.0	0721	-77	1.9	169 55.9	169.0	8.2	138
28	2	1972	0.0	0800	-77	5.9	170 11.8	174.3	8.8	163
28	2	1972	0.0	0837	-77	11.1	170 18.6	179.7	7.7	151
28	2	1972	0.0	0901	-77	13.8	170 25.1	182.8	8.8	64
28	2	1972	0.0*	0922	-77	12.4	170 37.7	185.9	8.8	56
28	2	1972	0.0	1100	-77	4.6	171 31.7	200.2	7.6	56
28	2	1972	0.0	1300	-76	56.1	172 28.1	215.5	7.8	56
28	2	1972	0.0*	1316	-76	55.0	172 35.8	217.5	7.8	56
28	2	1972	0.0	1500	-76	47.5	173 25.7	231.1	8.3	57
28	2	1972	0.0*	1502	-76	47.4	173 26.7	231.4	8.5	52
28	2	1972	0.0*	1552	-76	43.0	173 51.3	238.5	8.6	53
28	2	1972	0.0	1652	-76	37.9	174 21.0	247.1	8.8	44
28	2	1972	0.0*	1708	-76	36.2	174 28.1	249.4	6.9	47
28	2	1972	0.0	1820	-76	30.7	174 54.4	257.7	8.0	183
28	2	1972	0.0	2116	-76	54.0	174 47.9	281.0	6.1	185
28	2	1972	0.0*	2118	-76	54.2	174 47.9	281.2	6.1	179
28	2	1972	0.0	2309	-77	5.4	174 48.5	292.5	6.4	166
29	2	1972	0.0	0152	-77	22.3	175 6.8	309.8	6.2	151
29	2	1972	0.0	0216	-77	24.5	175 12.3	312.3	7.3	59

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.	
29	2	1972	0.0	0328	-77	20.0	175 46.8	321.1	4.3	59	
29	2	1972	0.0	0448	-77	17.0	176 9.1	326.9	6.3	59	
29	2	1972	0.0	0456	-77	16.6	176 12.4	327.7	4.1	59	
29	2	1972	0.0	0530	-77	15.4	176 21.4	330.0	6.5	59	
29	2	1972	0.0	0730	-77	8.7	177 11.7	343.0	7.3	59	
29	2	1972	0.0	0901	-77	3.0	177 54.5	354.1	6.9	159	
29	2	1972	0.0	0945	-77	7.7	178 2.3	359.2	5.0	148	
29	2	1972	0.0	1005	-77	9.1	178 6.3	360.9	5.4	160	
29	2	1972	0.0	1130	-77	16.3	178 17.6	368.4	4.7	161	
29	2	1972	0.0	1228	-77	20.6	178 24.2	373.0	4.5	151	
29	2	1972	0.0	1252	-77	22.2	178 28.1	374.8	5.6	160	
29	2	1972	0.0	1511	-77	34.3	178 47.8	387.7	7.3	164	
29	2	1972	0.0	1526	-77	36.1	178 50.1	389.5	7.4	159	
29	2	1972	0.0	1735	-77	51.0	179 16.2	405.4	7.6	125	
29	2	1972	0.0	1748	-77	51.9	179 22.5	407.1	8.1	143	
29	2	1972	0.0*	1928	-78	2.9	180 0.9	420.6	8.0	140	
29	2	1972	0.0	1933	-78	3.4	-179 57.0	421.3	2.7	140	
29	2	1972	0.0	1945	-78	3.8	-179 55.4	421.8	0.3	311	START 1
29	2	1972	0.0	2130	-78	3.5	-179 57.1	422.3	0.3	311	END 1
29	2	1972	0.0	2200	-78	3.4	-179 57.5	422.4	0.3	311	START 2
29	2	1972	0.0	2250	-78	3.3	-179 58.3	422.6	8.0	13	END 2
29	2	1972	0.0	2325	-77	58.7	-179 53.1	427.3	0.3	311	START 3
1	3	1972	0.0	0028	-77	58.5	-179 54.1	427.6	4.6	87	END 3
1	3	1972	0.0	0052	-77	58.5	-179 45.4	429.4	9.1	88	
1	3	1972	0.0	0101	-77	58.4	-179 38.8	430.8	8.3	83	
1	3	1972	0.0	0156	-77	57.6	-179 2.4	438.4	5.2	82	
1	3	1972	0.0	0250	-77	57.0	-178 40.3	443.1	5.8	83	
1	3	1972	0.0	0307	-77	56.8	-178 32.4	444.7	6.6	83	
1	3	1972	0.0	0330	-77	56.5	-178 20.3	447.3	5.8	83	
1	3	1972	0.0*	0332	-77	56.5	-178 19.4	447.5	6.1	88	
1	3	1972	0.0	0505	-77	56.3	-177 34.0	456.9	7.5	88	
1	3	1972	0.0	0525	-77	56.2	-177 22.0	459.5	7.9	83	
1	3	1972	0.0	0600	-77	55.6	-177 0.2	464.1	8.3	87	
1	3	1972	0.0*	0802	-77	55.0	-175 39.2	481.0	8.9	85	
1	3	1972	0.0	0844	-77	54.5	-175 9.6	487.2	9.1	79	
1	3	1972	0.0	0914	-77	53.7	-174 48.2	491.8	9.3	44	
1	3	1972	0.0	0918	-77	53.2	-174 46.2	492.4	9.0	62	
1	3	1972	0.0	0925	-77	52.7	-174 41.7	493.5	8.8	57	
1	3	1972	0.0	0930	-77	52.3	-174 38.8	494.2	7.0	46	
1	3	1972	0.0	0948	-77	50.9	-174 31.5	496.3	9.7	6	
1	3	1972	0.0	0956	-77	49.6	-174 30.8	497.6	9.0	11	
1	3	1972	0.0	1000	-77	49.0	-174 30.3	498.2	9.7	5	
1	3	1972	0.0	1008	-77	47.7	-174 29.7	499.5	9.5	13	
1	3	1972	0.0	1015	-77	46.6	-174 28.5	500.6	8.4	47	
1	3	1972	0.0	1027	-77	45.5	-174 22.6	502.3	7.3	86	
1	3	1972	0.0	1035	-77	45.5	-174 18.1	503.3	9.5	76	
1	3	1972	0.0	1039	-77	45.3	-174 15.2	503.9	9.6	88	
1	3	1972	0.0	1045	-77	45.3	-174 10.7	504.8	7.4	48	
1	3	1972	0.0	1109	-77	43.3	-174 0.3	507.8	8.5	5	
1	3	1972	0.0*	1136	-77	39.5	-173 58.5	511.6	8.7	1	
1	3	1972	0.0	1147	-77	37.9	-173 58.3	513.2	9.4	3	
1	3	1972	0.0	1200	-77	35.9	-173 57.6	515.3	7.6	359	
1	3	1972	0.0	1230	-77	32.1	-173 57.9	519.1	7.1	43	
1	3	1972	0.0	1500	-77	19.3	-173 1.4	536.8	6.2	88	
1	3	1972	0.0	1700	-77	18.9	-172 5.4	549.1	6.3	88	
1	3	1972	0.0*	1752	-77	18.7	-171 40.4	554.6	6.2	87	
1	3	1972	0.0	1857	-77	18.5	-171 9.8	561.3	5.8	132	
1	3	1972	0.0	1900	-77	18.7	-171 8.9	561.6	7.6	158	
1	3	1972	0.0	1926	-77	21.7	-171 3.2	564.9	4.1	128	
1	3	1972	0.0	1933	-77	22.0	-171 1.5	565.4	5.8	157	
1	3	1972	0.0	1950	-77	23.5	-170 58.6	567.0	7.3	118	
1	3	1972	0.0	1954	-77	23.7	-170 56.7	567.5	6.5	88	
1	3	1972	0.0	2013	-77	23.7	-170 47.2	569.6	7.3	63	
1	3	1972	0.0	2022	-77	23.2	-170 42.7	570.7	6.8	43	
1	3	1972	0.0*	2130	-77	17.6	-170 18.7	578.4	7.2	52	
1	3	1972	0.0	2131	-77	17.5	-170 18.3	578.5	7.5	92	
1	3	1972	0.0*	2240	-77	17.9	-169 39.3	587.1	6.8	90	
1	3	1972	0.0	2340	-77	17.9	-169 8.2	593.9	0.3	98	START 4
2	3	1972	0.0*	0130	-77	18.0	-169 5.4	594.5	0.6	34	4
2	3	1972	0.0	0323	-77	17.0	-169 2.3	595.7	4.6	43	END 4

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.	
2	3	1972	0.0	0332	-77 16.5	-169 0.1	596.4	5.1	81		
2	3	1972	0.0	0341	-77 16.4	-168 56.7	597.2	4.8	89		
2	3	1972	0.0	0349	-77 16.4	-168 53.8	597.8	6.2	85		
2	3	1972	0.0*	0358	-77 16.3	-168 49.6	598.8	6.1	86		
2	3	1972	0.0	0426	-77 16.2	-168 36.6	601.6	6.5	44		
2	3	1972	0.0	0429	-77 15.9	-168 35.5	601.9	9.4	1		
2	3	1972	0.0	0445	-77 13.4	-168 35.2	604.5	6.0	44		
2	3	1972	0.0	0520	-77 10.9	-168 24.2	607.9	8.4	2		
2	3	1972	0.0	0526	-77 10.1	-168 24.0	608.8	7.0	44		
2	3	1972	0.0	0538	-77 9.1	-168 19.6	610.2	5.2	85		
2	3	1972	0.0*	0624	-77 8.8	-168 1.6	614.2	5.3	81		
2	3	1972	0.0	0723	-77 8.0	-167 38.5	619.4	8.0	44		
2	3	1972	0.0	0728	-77 7.6	-167 36.5	620.0	4.3	51		
2	3	1972	0.0	0733	-77 7.3	-167 35.2	620.4	5.9	43		
2	3	1972	0.0	0746	-77 6.4	-167 31.3	621.7	5.5	50		
2	3	1972	0.0	0751	-77 6.1	-167 29.7	622.1	6.8	42		
2	3	1972	0.0	0807	-77 4.8	-167 24.3	623.9	5.3	47		
2	3	1972	0.0*	0808	-77 4.7	-167 24.0	624.0	5.0	50		
2	3	1972	0.0	0811	-77 4.6	-167 23.1	624.3	3.4	52		
2	3	1972	0.0	0817	-77 4.4	-167 21.9	624.6	5.2	44		
2	3	1972	0.0	0900	-77 1.7	-167 10.3	628.3	5.3	64		
2	3	1972	0.0	0916	-77 1.1	-167 4.6	629.8	5.2	53		
2	3	1972	0.0	0921	-77 0.8	-167 3.1	630.2	5.2	64		
2	3	1972	0.0	1030	-76 58.2	-166 39.1	636.2	4.3	63		
2	3	1972	0.0	1137	-76 56.1	-166 19.8	641.0	4.7	85		
2	3	1972	0.0*	1216	-76 55.9	-166 6.3	644.1	5.5	91		
2	3	1972	0.0	1300	-76 55.9	-165 48.6	648.1	6.8	90		
2	3	1972	0.0*	1328	-76 56.0	-165 34.6	651.2	6.0	94		
2	3	1972	0.0	1345	-76 56.1	-165 27.2	652.9	5.0	95		
2	3	1972	0.0	1431	-76 56.5	-165 10.4	656.7	6.8	94		
2	3	1972	0.0*	1442	-76 56.6	-165 4.9	658.0	6.7	89		
2	3	1972	0.0	1600	-76 56.5	-164 26.3	666.7	8.8	3		
2	3	1972	0.0	1730	-76 43.4	-164 23.2	679.8	8.6	3		
2	3	1972	0.0*	1750	-76 40.5	-164 22.5	682.7	9.2	0		
2	3	1972	0.0	1843	-76 32.4	-164 22.5	690.8	9.1	348		
2	3	1972	0.0*	1932	-76 25.1	-164 28.6	698.2	8.7	341		
2	3	1972	0.0	2015	-76 19.2	-164 36.8	704.5	9.1	342		
2	3	1972	0.0*	2042	-76 15.3	-164 42.1	708.6	8.9	347		
2	3	1972	0.0*	2112	-76 10.9	-164 46.0	713.0	7.9	346		
2	3	1972	0.0	2145	-76 6.7	-164 50.3	717.4	8.0	329		
2	3	1972	0.0	2228	-76 1.8	-165 2.2	723.1	6.3	328		
2	3	1972	0.0	2234	-76 1.2	-165 3.6	723.7	3.1	321		
2	3	1972	0.0	2247	-76 0.7	-165 5.3	724.4	1.0	200	START	5
2	3	1972	0.0*	2338	-76 1.5	-165 6.6	725.3	1.1	167		5
2	3	1972	0.0	2347	-76 1.7	-165 6.4	725.4	5.7	222	END	5
3	3	1972	0.0	0008	-76 3.1	-165 12.0	727.4	8.2	225		
3	3	1972	0.0*	0100	-76 4.2	-165 33.0	734.5	8.5	224		
3	3	1972	0.0	0302	-76 20.4	-166 24.2	751.8	6.3	222		
3	3	1972	0.0*	0310	-76 21.0	-166 26.6	752.6	6.0	229		
3	3	1972	0.0*	0352	-76 23.8	-166 40.1	756.8	6.7	228		
3	3	1972	0.0*	0454	-76 28.3	-167 2.1	763.7	5.9	220		
3	3	1972	0.0	0531	-76 31.1	-167 12.3	767.4	7.0	268		
3	3	1972	0.0*	0540	-76 31.1	-167 16.8	768.4	8.4	273		
3	3	1972	0.0	0659	-76 30.4	-168 4.2	779.5	8.7	299		
3	3	1972	0.0*	0808	-76 25.4	-168 41.2	789.5	9.0	298		
3	3	1972	0.0	0900	-76 21.7	-169 10.1	797.2	7.4	297		
3	3	1972	0.0*	1056	-76 15.0	-170 4.0	811.6	7.0	300		
3	3	1972	0.0	1100	-76 14.8	-170 5.7	812.1	8.4	301		
3	3	1972	0.0	1300	-76 6.0	-171 5.9	828.9	7.7	357		
3	3	1972	0.0	1500	-75 50.7	-171 8.8	844.3	8.0	357		
3	3	1972	0.0*	1504	-75 50.2	-171 8.9	844.8	8.3	0		
3	3	1972	0.0	1700	-75 34.1	-171 8.0	860.8	8.9	0		
3	3	1972	0.0*	1730	-75 29.7	-171 7.7	865.3	9.0	359		
3	3	1972	0.0	1822	-75 21.9	-171 8.2	873.0	6.3	357		
3	3	1972	0.0	1845	-75 19.5	-171 8.6	875.4	8.8	359		
3	3	1972	0.0	2003	-75 8.1	-171 9.4	886.9	4.6	356		
3	3	1972	0.0	2102	-75 3.5	-171 10.5	891.4	5.2	230		
3	3	1972	0.0	2128	-75 5.0	-171 17.4	893.7	5.5	301		
3	3	1972	0.0*	2328	-74 59.2	-171 53.3	904.6	5.7	302		
3	3	1972	0.0	2330	-74 59.1	-171 53.9	904.8	6.0	302		

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.	
4	3	1972	0.0*	0036	-74 55.6	-172 15.4	911.4	6.0	298		
4	3	1972	0.0	0105	-74 54.2	-172 25.2	914.3	8.8	299		
4	3	1972	0.0*	0302	-74 45.8	-173 22.0	931.4	8.1	303		
4	3	1972	0.0	0330	-74 43.7	-173 34.1	935.2	8.3	303		
4	3	1972	0.0	0500	-74 36.9	-174 13.4	947.7	8.3	303		
4	3	1972	0.0	0631	-74 29.9	-174 53.1	960.3	8.7	68		
4	3	1972	0.0	0815	-74 24.4	-174 0.7	975.4	5.9	67		
4	3	1972	0.0*	1006	-74 20.2	-173 23.2	986.3	6.6	66		
4	3	1972	0.0	1040	-74 18.7	-173 10.5	990.1	6.2	66		
4	3	1972	0.0	1102	-74 17.8	-173 2.8	992.4	7.8	67		
4	3	1972	0.0	1132	-74 16.3	-172 49.6	996.2	8.8	60		
4	3	1972	0.0	1135	-74 16.1	-172 48.1	996.7	9.1	67		
4	3	1972	0.0*	1226	-74 13.1	-172 22.0	1004.4	9.0	72		
4	3	1972	0.0	1233	-74 12.8	-172 18.3	1005.4	6.4	73		
4	3	1972	0.0*	1308	-74 11.8	-172 5.1	1009.2	6.8	66		
4	3	1972	0.0*	1452	-74 7.1	-171 25.8	1020.9	6.6	69		
4	3	1972	0.0	1500	-74 6.7	-171 22.8	1021.8	6.9	69		
4	3	1972	0.0*	1602	-74 4.2	-170 58.6	1028.9	5.8	73		
4	3	1972	0.0	1700	-74 2.6	-170 39.0	1034.5	5.5	73		
4	3	1972	0.0	1803	-74 1.0	-170 19.0	1040.2	5.6	224		
4	3	1972	0.0	2100	-74 12.8	-171 1.0	1056.7	7.8	222		
4	3	1972	0.0*	2126	-74 15.3	-171 9.3	1060.1	8.7	220		
4	3	1972	0.0	2200	-74 19.1	-171 21.1	1065.0	9.1	207		
4	3	1972	0.0*	2202	-74 19.3	-171 21.6	1065.3	8.5	204		
4	3	1972	0.0	2246	-74 25.0	-171 31.0	1071.5	5.2	201		
4	3	1972	0.0*	2312	-74 27.1	-171 34.0	1073.8	5.7	203		
5	3	1972	0.0	0038	-74 34.6	-171 46.3	1082.0	9.2	205		
5	3	1972	0.0*	0052	-74 36.6	-171 49.8	1084.2	8.6	205		
5	3	1972	0.0	0300	-74 53.2	-172 19.6	1102.5	8.5	205		
5	3	1972	0.0	0530	-75 12.5	-172 54.7	1123.9	8.4	205		
5	3	1972	0.0*	0614	-75 18.1	-173 5.0	1130.0	8.9	203		
5	3	1972	0.0*	0624	-75 19.4	-173 7.3	1131.5	8.1	205		
5	3	1972	0.0	0730	-75 27.5	-173 22.3	1140.4	7.9	205		
5	3	1972	0.0*	0814	-75 32.7	-173 32.1	1146.2	7.6	210		
5	3	1972	0.0	0909	-75 38.8	-173 46.2	1153.2	4.6	210		
5	3	1972	0.0	0931	-75 40.2	-173 49.7	1154.9	0.1	305	START	6
5	3	1972	0.0	1045	-75 40.2	-173 50.2	1155.0	5.2	209	END	6
5	3	1972	0.0	1108	-75 41.9	-173 54.1	1157.0	7.8	209		
5	3	1972	0.0*	1248	-75 53.3	-174 19.9	1170.1	7.7	202		
5	3	1972	0.0	1331	-75 58.4	-174 28.6	1175.6	7.1	268		
5	3	1972	0.0*	1358	-75 58.5	-174 41.8	1178.8	8.3	276		
5	3	1972	0.0*	1512	-75 57.4	-175 23.5	1189.0	8.9	273		
5	3	1972	0.0*	1546	-75 57.1	-175 44.2	1194.0	8.4	269		
5	3	1972	0.0	1600	-75 57.2	-175 52.3	1196.0	8.0	269		
5	3	1972	0.0	1806	-75 57.4	-177 1.7	1212.8	6.0	268		
5	3	1972	0.0	1901	-75 57.5	-177 24.5	1218.4	7.1	184		
5	3	1972	0.0*	2036	-76 8.8	-177 28.5	1229.7	7.4	179		
5	3	1972	0.0	2102	-76 12.0	-177 28.3	1232.9	6.1	178		
5	3	1972	0.0*	2150	-76 16.9	-177 27.8	1237.8	6.6	171		
5	3	1972	0.0	2208	-76 18.9	-177 26.5	1239.7	7.2	154		
5	3	1972	0.0	2214	-76 19.5	-177 25.2	1240.5	5.8	169		
5	3	1972	0.0	2330	-76 26.8	-177 19.6	1247.8	6.2	170		
6	3	1972	0.0*	0046	-76 34.6	-177 14.0	1255.8	5.5	179		
6	3	1972	0.0	0105	-76 36.3	-177 13.9	1257.5	7.7	91		
6	3	1972	0.0	0116	-76 36.3	-177 7.8	1258.9	6.7	91		
6	3	1972	0.0	0143	-76 36.4	-176 54.7	1261.9	5.7	91		
6	3	1972	0.0	0159	-76 36.4	-176 48.2	1263.5	7.8	91		
6	3	1972	0.0	0400	-76 36.8	-175 40.6	1279.1	7.8	91		
6	3	1972	0.0*	0526	-76 37.0	-174 52.5	1290.2	7.5	92		
6	3	1972	0.0	0601	-76 37.2	-174 33.6	1294.6	8.0	219		
6	3	1972	0.0	0637	-76 40.9	-174 46.8	1299.4	8.2	224		
6	3	1972	0.0*	0830	-76 52.1	-175 33.9	1314.9	8.1	225		
6	3	1972	0.0	0900	-76 54.9	-175 46.6	1319.0	7.4	225		
6	3	1972	0.0*	0902	-76 55.1	-175 47.4	1319.2	8.2	226		
6	3	1972	0.0*	1014	-77 1.9	-176 19.1	1329.1	8.0	230		
6	3	1972	0.0*	1052	-77 5.1	-176 36.4	1334.2	7.6	232		
6	3	1972	0.0	1130	-77 8.0	-176 53.4	1339.0	8.4	231		
6	3	1972	0.0*	1238	-77 13.9	-177 27.2	1348.5	8.8	229		
6	3	1972	0.0	1330	-77 19.0	-177 53.5	1356.2	8.7	229		
6	3	1972	0.0	1530	-77 30.3	-178 54.0	1373.6	8.1	229		

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION	NO.
6	3	1972	0.0*	1534	-77 30.7	-178 55.9	1374.1	8.2	231		
6	3	1972	0.0*	1720	-77 39.7	-179 48.2	1388.5	8.6	224		
6	3	1972	0.0	1745	-77 42.3	179 60.0	1392.1	7.0	224		
6	3	1972	0.0	1803	-77 43.8	179 53.1	1394.2	9.5	187		
6	3	1972	0.0	1820	-77 46.4	179 51.5	1396.9	9.7	171		
6	3	1972	0.0	1824	-77 47.1	179 51.9	1397.6	9.8	187		
6	3	1972	0.0	1839	-77 49.5	179 50.5	1400.0	9.5	180		
6	3	1972	0.0	1846	-77 50.6	179 50.4	1401.1	8.8	177		
6	3	1972	0.0	1849	-77 51.1	179 50.5	1401.6	8.1	186		
6	3	1972	0.0	1900	-77 52.5	179 49.7	1403.0	8.6	191		
6	3	1972	0.0	1904	-77 53.1	179 49.2	1403.6	9.8	195		
6	3	1972	0.0*	1910	-77 54.0	179 47.9	1404.6	8.5	193		
6	3	1972	0.0	1913	-77 54.5	179 47.5	1405.0	9.0	182		
6	3	1972	0.0	1928	-77 56.7	179 46.9	1407.2	6.0	248		
6	3	1972	0.0	1940	-77 57.1	179 41.6	1408.5	5.9	224		
6	3	1972	0.0	1944	-77 57.4	179 40.3	1408.8	2.9	216		
6	3	1972	0.0	1946	-77 57.5	179 40.0	1408.9	8.8	188		
6	3	1972	0.0	1948	-77 57.8	179 39.8	1409.2	4.4	158		
6	3	1972	0.0	1957	-77 58.4	179 41.0	1409.9	5.8	183		
6	3	1972	0.0	2003	-77 59.0	179 40.8	1410.5	7.0	183		
6	3	1972	0.0	2008	-77 59.5	179 40.7	1411.0	7.3	188		
6	3	1972	0.0	2012	-78 0.0	179 40.3	1411.5	6.0	183		
6	3	1972	0.0	2040	-78 2.8	179 39.6	1414.3	5.8	183		
6	3	1972	0.0	2044	-78 3.2	179 39.5	1414.7	0.3	335	START	7
6	3	1972	0.0	2152	-78 2.9	179 38.9	1415.0	2.2	149		7
6	3	1972	0.0	2209	-78 3.4	179 40.4	1415.6	0.3	335		7
6	3	1972	0.0	2228	-78 3.4	179 40.2	1415.7	2.3	182		7
6	3	1972	0.0	2235	-78 3.6	179 40.1	1416.0	0.3	335		7
6	3	1972	0.0	2253	-78 3.5	179 40.0	1416.1	7.8	8	END	7
6	3	1972	0.0	2331	-77 58.7	179 43.7	1421.0	7.6	18		
7	3	1972	0.0	0028	-77 51.8	179 54.6	1428.2	5.4	18		
7	3	1972	0.0	0104	-77 48.8	179 59.4	1431.4	8.4	18		
7	3	1972	0.0	0255	-77 34.0	-179 37.1	1447.0	6.0	18		
7	3	1972	0.0	0400	-77 27.8	-179 27.7	1453.5	9.0	18		
7	3	1972	0.0*	0410	-77 26.4	-179 25.4	1455.0	9.5	21		
7	3	1972	0.0	0417	-77 25.4	-179 23.6	1456.1	6.6	3		
7	3	1972	0.0	0539	-77 16.4	-179 20.8	1465.2	8.2	326		
7	3	1972	0.0*	0554	-77 14.7	-179 25.9	1467.2	8.1	322		
7	3	1972	0.0	0633	-77 10.5	-179 40.4	1472.5	8.2	335		
7	3	1972	0.0*	0654	-77 7.9	-179 45.7	1475.4	8.9	339		
7	3	1972	0.0	0736	-77 2.0	-179 55.6	1481.6	6.1	341		
7	3	1972	0.0	0752	-77 0.5	-179 58.0	1483.2	1.0	14	START	8
7	3	1972	0.0*	0810	-77 0.2	-179 57.6	1483.5	0.5	313		8
7	3	1972	0.0	0939	-76 59.6	179 59.8	1484.3	6.1	358	END	8
7	3	1972	0.0	1003	-76 57.2	179 59.4	1486.8	6.3	4		
7	3	1972	0.0	1005	-76 57.0	179 59.5	1487.0	5.6	357		
7	3	1972	0.0	1104	-76 51.5	179 58.6	1492.5	8.3	359		
7	3	1972	0.0*	1220	-76 41.0	179 58.0	1503.0	8.5	355		
7	3	1972	0.0	1300	-76 35.3	179 55.8	1508.7	8.5	355		
7	3	1972	0.0*	1332	-76 30.8	179 54.2	1513.2	9.0	358		
7	3	1972	0.0	1500	-76 17.6	179 52.4	1526.4	9.5	358		
7	3	1972	0.0*	1516	-76 15.1	179 52.1	1528.9	9.0	356		
7	3	1972	0.0	1700	-75 59.5	179 47.8	1544.5	8.6	355		
7	3	1972	0.0*	1702	-75 59.3	179 47.7	1544.8	8.6	356		
7	3	1972	0.0*	1746	-75 52.9	179 46.1	1551.1	8.8	359		
7	3	1972	0.0	1750	-75 52.3	179 46.1	1551.7	8.8	3		
7	3	1972	0.0*	1902	-75 41.8	179 48.9	1562.3	9.0	2		
7	3	1972	0.0	2001	-75 32.9	179 50.5	1571.2	6.3	0		
7	3	1972	0.0*	2008	-75 32.2	179 50.5	1571.9	6.3	2		
7	3	1972	0.0	2030	-75 29.9	179 51.0	1574.2	9.2	4		
7	3	1972	0.0*	2200	-75 16.1	179 55.0	1588.1	8.9	6		
7	3	1972	0.0	2215	-75 13.9	179 55.9	1590.3	4.4	181		
7	3	1972	0.0	2221	-75 14.3	179 55.9	1590.7	8.5	6		
7	3	1972	0.0*	2300	-75 8.8	179 58.2	1596.3	8.4	9		
7	3	1972	0.0	2310	-75 7.4	179 59.0	1597.7	5.7	10		
8	3	1972	0.0	0026	-75 0.3	-179 56.0	1604.9	9.1	7		
8	3	1972	0.0	0046	-74 57.3	-179 54.5	1607.9	8.6	2		
8	3	1972	0.0	0230	-74 42.3	-179 52.1	1622.9	8.7	2		
8	3	1972	0.0*	0344	-74 31.6	-179 50.4	1633.7	8.8	4		
8	3	1972	0.0	0345	-74 31.4	-179 50.4	1633.8	6.5	5		

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION	NO.
8	3	1972	0.0	0506	-74 22.7	-179 47.3	1642.6	8.6	4		
8	3	1972	0.0*	0722	-74 3.2	-179 42.2	1662.1	8.8	357		
8	3	1972	0.0	0730	-74 2.1	-179 42.4	1663.3	8.7	357		
8	3	1972	0.0	0901	-73 48.8	-179 44.6	1676.6	7.9	271		
8	3	1972	0.0	1030	-73 48.5	179 38.5	1688.3	8.0	271		
8	3	1972	0.0	1144	-73 48.2	178 58.0	1698.2	6.8	272		
8	3	1972	0.0	1330	-73 47.7	178 14.9	1710.2	7.0	272		
8	3	1972	0.0*	1448	-73 47.3	177 42.1	1719.3	7.7	268		
8	3	1972	0.0	1500	-73 47.3	177 36.6	1720.9	8.7	268		
8	3	1972	0.0*	1610	-73 47.6	177 0.3	1731.0	7.8	267		
8	3	1972	0.0	1630	-73 47.7	176 51.0	1733.6	8.1	267		
8	3	1972	0.0*	1656	-73 47.8	176 38.4	1737.1	8.5	269		
8	3	1972	0.0	1714	-73 47.8	176 29.3	1739.7	8.3	271		
8	3	1972	0.0*	1732	-73 47.8	176 20.4	1742.2	8.1	271		
8	3	1972	0.0*	1814	-73 47.6	176 0.2	1747.8	8.0	275		
8	3	1972	0.0	1900	-73 47.0	175 38.2	1754.0	8.4	275		
8	3	1972	0.0	2003	-73 46.2	175 6.8	1762.8	8.9	51		
8	3	1972	0.0*	2222	-73 33.3	176 4.1	1783.4	9.4	52		
8	3	1972	0.0	2230	-73 32.6	176 7.6	1784.7	8.4	51		
9	3	1972	0.0	0027	-73 22.4	176 53.0	1801.1	1.0	2	START	9
9	3	1972	0.0*	0112	-73 21.7	176 53.1	1801.8	1.1	62		9
9	3	1972	0.0	0241	-73 20.9	176 58.2	1803.5	5.9	20	END	9
9	3	1972	0.0*	0258	-73 19.3	177 0.2	1805.2	6.2	13		
9	3	1972	0.0	0302	-73 18.9	177 0.6	1805.6	10.5	13		
9	3	1972	0.0	0436	-73 2.9	177 13.4	1822.1	8.7	13		
9	3	1972	0.0	0513	-72 57.6	177 17.5	1827.4	6.7	13		
9	3	1972	0.0	0530	-72 55.8	177 19.0	1829.3	1.1	21	START	10
9	3	1972	0.0	0643	-72 54.5	177 20.7	1830.7	6.1	3	END	10
9	3	1972	0.0	0703	-72 52.5	177 21.1	1832.7	9.5	2		
9	3	1972	0.0	0930	-72 29.2	177 24.2	1856.0	9.9	2		
9	3	1972	0.0*	1014	-72 22.0	177 25.2	1863.3	9.5	359		
9	3	1972	0.0	1018	-72 21.3	177 25.2	1863.9	8.5	308		
9	3	1972	0.0	1021	-72 21.1	177 24.1	1864.3	9.7	359		
9	3	1972	0.0	1230	-72 0.2	177 23.4	1885.2	9.8	359		
9	3	1972	0.0*	1348	-71 47.5	177 23.0	1897.9	9.5	359		
9	3	1972	0.0	1434	-71 40.2	177 22.9	1905.2	9.7	355		
9	3	1972	0.0*	1450	-71 37.6	177 22.2	1907.8	9.7	355		
9	3	1972	0.0	1616	-71 23.7	177 18.7	1921.7	5.0	355		
9	3	1972	0.0*	1708	-71 19.4	177 17.7	1926.0	5.1	355		
9	3	1972	0.0	1717	-71 18.7	177 17.5	1926.8	8.1	355		
9	3	1972	0.0	1836	-71 8.1	177 14.7	1937.4	7.8	345		
9	3	1972	0.0	1841	-71 7.5	177 14.2	1938.1	8.2	355		
9	3	1972	0.0*	1852	-71 6.0	177 13.8	1939.6	7.9	358		
9	3	1972	0.0*	1914	-71 3.1	177 13.6	1942.5	7.7	357		
9	3	1972	0.0	2030	-70 53.3	177 12.1	1952.2	8.1	356		
9	3	1972	0.0	2210	-70 39.9	177 9.8	1965.6	6.1	357		
9	3	1972	0.0	2212	-70 39.7	177 9.8	1965.8	6.4	357		
9	3	1972	0.0	2233	-70 37.5	177 9.5	1968.1	7.9	141		
9	3	1972	0.0	2306	-70 40.9	177 17.8	1972.4	8.7	141		
10	3	1972	0.0	0130	-70 57.2	177 57.7	1993.3	8.5	141		
10	3	1972	0.0	0224	-71 3.1	178 12.5	2001.0	8.6	146		
10	3	1972	0.0	0231	-71 4.0	178 14.2	2002.0	8.5	141		
10	3	1972	0.0*	0334	-71 10.9	178 31.5	2010.9	9.0	140		
10	3	1972	0.0	0342	-71 11.8	178 33.8	2012.1	4.6	138		
10	3	1972	0.0	0449	-71 15.7	178 44.3	2017.2	8.7	140		
10	3	1972	0.0	0700	-71 30.4	179 22.0	2036.2	8.2	140		
10	3	1972	0.0	0930	-71 46.3	-179 56.5	2056.8	8.6	140		
10	3	1972	0.0	1130	-71 59.6	-179 21.4	2074.0	8.8	140		
10	3	1972	0.0*	1328	-72 13.0	-178 46.0	2091.3	8.9	139		
10	3	1972	0.0	1354	-72 15.9	-178 37.7	2095.1	5.2	136		
10	3	1972	0.0	1413	-72 17.1	-178 33.9	2096.8	1.0	103	START	11
10	3	1972	0.0*	1444	-72 17.2	-178 32.3	2097.3	1.1	69		11
10	3	1972	0.0	1521	-72 16.9	-178 30.2	2098.0	5.3	131	END	11
10	3	1972	0.0*	1552	-72 18.7	-178 23.5	2100.7	7.2	139		
10	3	1972	0.0*	1706	-72 25.5	-178 4.6	2109.6	7.2	137		
10	3	1972	0.0	1800	-72 30.3	-177 50.2	2116.0	7.2	137		
10	3	1972	0.0*	1804	-72 30.7	-177 49.2	2116.5	7.0	142		
10	3	1972	0.0	2000	-72 41.3	-177 21.4	2130.0	6.9	142		
10	3	1972	0.0*	2008	-72 42.1	-177 19.5	2130.9	7.1	143		
10	3	1972	0.0	2123	-72 49.2	-177 1.7	2139.8	8.2	143		

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION	NO.
10	3	1972	0.0	2330	-73 3.2	-176 26.2	2157.2	8.2	143		
11	3	1972	0.0	0029	-73 9.6	-176 9.7	2165.3	4.5	143		
11	3	1972	0.0	0042	-73 10.4	-176 7.7	2166.3	8.8	359		
11	3	1972	0.0	0148	-73 0.8	-176 8.0	2175.9	5.4	359		
11	3	1972	0.0	0158	-72 59.9	-176 8.0	2176.8	7.2	359		
11	3	1972	0.0	0400	-72 45.2	-176 8.5	2191.4	5.0	359		
11	3	1972	0.0*0428	-72 42.9	-176 8.7		2193.8	5.2	359		
11	3	1972	0.0	0447	-72 41.3	-176 8.7	2195.4	7.5	359		
11	3	1972	0.0	0609	-72 31.0	-176 8.9	2205.7	5.1	359		
11	3	1972	0.0	0620	-72 30.0	-176 9.0	2206.6	7.5	359		
11	3	1972	0.0	0831	-72 13.7	-176 9.3	2223.0	7.7	310		
11	3	1972	0.0*1008	-72 5.6	-176 40.0		2235.4	7.3	310		
11	3	1972	0.0	1030	-72 3.9	-176 46.7	2238.1	7.4	310		
11	3	1972	0.0*1128	-71 59.3	-177 4.3		2245.2	7.5	309		
11	3	1972	0.0	1300	-71 52.0	-177 33.0	2256.7	7.4	309		
11	3	1972	0.0*1338	-71 49.0	-177 44.6		2261.3	7.6	309		
11	3	1972	0.0	1500	-71 42.4	-178 10.4	2271.8	7.5	309		
11	3	1972	0.0*1550	-71 38.5	-178 25.7		2278.0	7.5	312		
11	3	1972	0.0*1654	-71 33.1	-178 44.5		2286.0	6.9	309		
11	3	1972	0.0	1714	-71 31.6	-178 50.0	2288.3	5.5	215		
11	3	1972	0.0*1738	-71 33.4	-178 54.1		2290.5	7.0	213		
11	3	1972	0.0*1842	-71 39.6	-179 7.3		2298.0	7.8	215		
11	3	1972	0.0	1900	-71 41.6	-179 11.6	2300.4	7.3	214		
11	3	1972	0.0*2030	-71 50.6	-179 31.6		2311.4	7.2	211		
11	3	1972	0.0	2105	-71 54.2	-179 38.6	2315.6	4.7	206		
11	3	1972	0.0	2121	-71 55.3	-179 40.4	2316.9	1.3	167	START	12
11	3	1972	0.0*2140	-71 55.7	-179 40.1		2317.3	0.7	182		12
11	3	1972	0.0	2300	-71 56.6	-179 40.2	2318.2	5.6	213	END	12
11	3	1972	0.0	2319	-71 58.1	-179 43.4	2319.9	7.7	214		
12	3	1972	0.0	0011	-72 3.7	-179 55.5	2326.6	5.9	213		
12	3	1972	0.0	0146	-72 11.5	179 47.7	2336.0	8.7	214		
12	3	1972	0.0*0212	-72 14.6	179 40.8		2339.8	8.9	217		
12	3	1972	0.0	0220	-72 15.6	179 38.4	2341.0	6.2	218		
12	3	1972	0.0	0356	-72 23.4	179 18.2	2350.9	8.7	217		
12	3	1972	0.0*0402	-72 24.1	179 16.5		2351.8	8.5	216		
12	3	1972	0.0	0450	-72 29.6	179 3.1	2358.6	5.0	216		
12	3	1972	0.0	0505	-72 30.6	179 0.7	2359.8	0.6	208	START	13
12	3	1972	0.0*0622	-72 31.2	178 59.5		2360.6	0.7	82		13
12	3	1972	0.0*0736	-72 31.1	179 2.2		2361.4	0.4	122		13
12	3	1972	0.0	1027	-72 31.8	179 5.6	2362.6	4.8	214	END	13
12	3	1972	0.0*1120	-72 35.3	178 57.5		2366.9	5.3	227		
12	3	1972	0.0	1130	-72 35.9	178 55.4	2367.7	6.5	226		
12	3	1972	0.0	1235	-72 40.8	178 38.4	2374.8	7.3	271		
12	3	1972	0.0*1256	-72 40.7	178 29.8		2377.3	7.1	274		
12	3	1972	0.0	1408	-72 40.1	178 1.1	2385.9	6.6	274		
12	3	1972	0.0*1416	-72 40.1	177 58.2		2386.8	6.5	271		
12	3	1972	0.0*1526	-72 39.8	177 32.9		2394.3	6.8	272		
12	3	1972	0.0*1600	-72 39.7	177 19.9		2398.2	6.2	274		
12	3	1972	0.0	1636	-72 39.4	177 7.3	2402.0	8.6	273		
12	3	1972	0.0	1800	-72 38.7	176 27.0	2414.0	9.2	273		
12	3	1972	0.0*1834	-72 38.4	176 9.6		2419.2	9.1	276		
12	3	1972	0.0	1916	-72 37.6	175 48.4	2425.6	6.7	131		
12	3	1972	0.0	2100	-72 45.3	176 17.9	2437.2	5.9	130		
12	3	1972	0.0*2132	-72 47.3	176 25.9		2440.3	6.5	133		
12	3	1972	0.0	2217	-72 50.7	176 37.9	2445.2	5.6	178		
12	3	1972	0.0	2220	-72 50.9	176 37.9	2445.5	7.0	133		
12	3	1972	0.0	2318	-72 55.6	176 54.6	2452.3	7.5	126		
12	3	1972	0.0	2329	-72 56.5	176 58.3	2453.6	7.0	133		
13	3	1972	0.0	0056	-73 3.5	177 23.5	2463.8	8.1	273		
13	3	1972	0.0	0131	-73 3.2	177 7.3	2468.6	8.4	0		
13	3	1972	0.0	0134	-73 2.8	177 7.3	2469.0	5.8	1		
13	3	1972	0.0	0153	-73 1.0	177 7.4	2470.8	1.2	77		
13	3	1972	0.0*0206	-73 0.9	177 8.3		2471.1	0.9	28		
13	3	1972	0.0	0221	-73 0.7	177 8.7	2471.3	8.2	4		
13	3	1972	0.0	0253	-72 56.4	177 9.8	2475.7	8.1	42		
13	3	1972	0.0*0306	-72 55.1	177 13.8		2477.4	7.9	51		
13	3	1972	0.0	0318	-72 54.1	177 18.0	2479.0	4.9	82		
13	3	1972	0.0	0323	-72 54.1	177 19.4	2479.4	0.3	149		
13	3	1972	0.0	0343	-72 54.1	177 19.6	2479.5	8.7	268		
13	3	1972	0.0	0415	-72 54.3	177 3.8	2484.1	8.3	179		

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION	NO.
13	3	1972	0.0	0530	-73 4.6	177 4.4	2494.5	8.6	179		
13	3	1972	0.0*0534	-73 5.2	177 4.4		2495.1	9.8	176		
13	3	1972	0.0	0630	-73 14.3	177 6.5	2504.2	1.5	155	START	14
13	3	1972	0.0*0650	-73 14.8	177 7.2		2504.7	0.3	122		14
13	3	1972	0.0	0722	-73 14.9	177 7.7	2504.9	4.0	185	END	14
13	3	1972	0.0	0739	-73 16.0	177 7.3	2506.0	3.9	223		
13	3	1972	0.0	0745	-73 16.3	177 6.4	2506.4	9.2	188		
13	3	1972	0.0	0747	-73 16.6	177 6.3	2506.7	3.0	203		
13	3	1972	0.0	0751	-73 16.8	177 6.0	2506.9	6.1	187		
13	3	1972	0.0	0755	-73 17.2	177 5.8	2507.3	5.5	196		
13	3	1972	0.0	0805	-73 18.1	177 4.9	2508.3	5.2	206		
13	3	1972	0.0	0812	-73 18.6	177 4.0	2508.9	6.1	187		
13	3	1972	0.0	0814	-73 18.8	177 3.9	2509.1	4.9	224		
13	3	1972	0.0	0820	-73 19.2	177 2.7	2509.6	6.1	187		
13	3	1972	0.0	0825	-73 19.7	177 2.5	2510.1	5.9	224		
13	3	1972	0.0	0829	-73 20.0	177 1.5	2510.5	4.4	205		
13	3	1972	0.0	0847	-73 21.1	176 59.6	2511.8	1.2	200		
13	3	1972	0.0	0857	-73 21.3	176 59.3	2512.0	0.5	255		
13	3	1972	0.0	0905	-73 21.3	176 59.1	2512.0	4.5	267		
13	3	1972	0.0	0910	-73 21.4	176 57.8	2512.4	4.6	262		
13	3	1972	0.0	0932	-73 21.6	176 51.9	2514.1	8.3	263		
13	3	1972	0.0	1115	-73 23.2	176 2.5	2528.3	8.7	270		
13	3	1972	0.0	1125	-73 23.2	175 57.4	2529.8	8.4	263		
13	3	1972	0.0	1303	-73 24.7	175 10.0	2543.4	8.3	253		
13	3	1972	0.0	1310	-73 25.0	175 6.7	2544.4	7.0	252		
13	3	1972	0.0	1320	-73 25.3	175 2.8	2545.6	7.3	263		
13	3	1972	0.0	1343	-73 25.6	174 53.1	2548.4	8.7	263		
13	3	1972	0.0*1530	-73 27.4	173 59.1		2563.8	9.0	264		
13	3	1972	0.0	1650	-73 28.6	173 17.2	2575.8	5.6	263		
13	3	1972	0.0*1700	-73 28.7	173 14.0		2576.7	5.6	264		
13	3	1972	0.0	1714	-73 28.8	173 9.5	2578.0	8.9	264		
13	3	1972	0.0	1731	-73 29.1	173 0.6	2580.6	8.9	180		
13	3	1972	0.0*1814	-73 35.4	173 0.5		2586.9	8.7	178		
13	3	1972	0.0*1852	-73 40.9	173 1.1		2592.5	8.8	179		
13	3	1972	0.0	2000	-73 50.9	173 1.3	2602.4	8.8	179		
13	3	1972	0.0*2040	-73 56.7	173 1.3		2608.3	8.9	179		
13	3	1972	0.0	2211	-74 10.3	173 1.5	2621.8	8.1	125		
13	3	1972	0.0	2214	-74 10.5	173 2.8	2622.2	9.1	179		
13	3	1972	0.0	2350	-74 25.0	173 3.0	2636.7	8.7	179		
14	3	1972	0.0	0207	-74 44.9	173 3.4	2656.6	8.2	182		
14	3	1972	0.0*0228	-74 47.8	173 2.8		2659.5	8.7	181		
14	3	1972	0.0	0244	-74 50.1	173 2.5	2661.8	6.7	178		
14	3	1972	0.0	0400	-74 58.6	173 3.2	2670.3	6.8	178		
14	3	1972	0.0*0536	-75 9.4	173 4.0		2681.1	6.6	177		
14	3	1972	0.0	0548	-75 10.7	173 4.2	2682.4	7.7	177		
14	3	1972	0.0	0602	-75 12.5	173 4.5	2684.2	9.3	178		
14	3	1972	0.0*0736	-75 27.1	173 6.4		2698.8	8.8	177		
14	3	1972	0.0	0801	-75 30.7	173 7.1	2702.4	9.4	62		
14	3	1972	0.0	0930	-75 24.3	173 56.4	2716.3	9.4	62		
14	3	1972	0.0*1050	-75 18.6	174 40.4		2728.8	9.6	61		
14	3	1972	0.0	1055	-75 18.2	174 43.1	2729.6	9.0	65		
14	3	1972	0.0	1105	-75 17.6	174 48.5	2731.1	9.8	61		
14	3	1972	0.0	1138	-75 15.0	175 7.0	2736.5	9.5	63		
14	3	1972	0.0	1153	-75 14.0	175 15.3	2738.9	9.3	68		
14	3	1972	0.0	1202	-75 13.5	175 20.4	2740.2	9.5	59		
14	3	1972	0.0	1232	-75 11.0	175 36.3	2745.0	10.0	61		
14	3	1972	0.0	1252	-75 9.4	175 47.7	2748.3	9.4	57		
14	3	1972	0.0	1303	-75 8.5	175 53.3	2750.0	9.2	61		
14	3	1972	0.0*1422	-75 2.6	176 34.3		2762.1	8.9	61		
14	3	1972	0.0	1530	-74 57.8	177 8.4	2772.1	9.0	61		
14	3	1972	0.0*1610	-74 54.9	177 28.6		2778.1	8.9	63		
14	3	1972	0.0*1622	-74 54.1	177 34.6		2779.9	9.2	61		
14	3	1972	0.0	1810	-74 46.2	178 30.5	2796.5	9.0	55		
14	3	1972	0.0*1844	-74 43.3	178 46.5		2801.6	8.8	56		
14	3	1972	0.0	2030	-74 34.8	179 35.9	2817.2	9.1	56		
14	3	1972	0.0	2125	-74 30.2	-179 57.8	2825.6	8.0	271		
14	3	1972	0.0*2214	-74 30.1	179 37.7		2832.2	8.9	270		
14	3	1972	0.0	2215	-74 30.1	179 37.2	2832.3	8.4	279		
14	3	1972	0.0	2224	-74 29.9	179 32.5	2833.6	8.8	270		
15	3	1972	0.0	0029	-74 29.9	178 24.0	2851.9	7.6	265		

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION	NO.
15	3	1972	0.0	0044	-74	30.0 178 16.9	2853.8	6.3	270		
15	3	1972	0.0	0230	-74	30.0 177 35.2	2864.9	5.6	270		
15	3	1972	0.0*0310		-74	30.0 177 21.1	2868.7	6.7	270		
15	3	1972	0.0*0358		-74	30.0 177 1.0	2874.1	5.9	268		
15	3	1972	0.0	0400	-74	30.0 177 0.3	2874.3	7.5	269		
15	3	1972	0.0	0530	-74	30.2 176 18.1	2885.5	6.5	268		
15	3	1972	0.0*0544		-74	30.2 176 12.4	2887.1	6.4	272		
15	3	1972	0.0*0632		-74	30.0 175 53.3	2892.2	6.4	267		
15	3	1972	0.0	0730	-74	30.2 175 30.0	2898.4	7.2	268		
15	3	1972	0.0	0930	-74	30.7 174 35.8	2912.9	8.3	273		
15	3	1972	0.0	0944	-74	30.6 174 28.5	2914.8	8.5	268		
15	3	1972	0.0	1145	-74	31.1 173 24.2	2932.0	8.6	268		
15	3	1972	0.0	1336	-74	31.5 172 24.4	2948.0	8.8	291		
15	3	1972	0.0*1420		-74	29.1 172 1.9	2954.5	8.8	293		
15	3	1972	0.0	1530	-74	25.0 171 26.6	2964.7	9.0	293		
15	3	1972	0.0*1532		-74	24.9 171 25.6	2965.0	8.8	291		
15	3	1972	0.0*1634		-74	21.5 170 54.1	2974.2	8.7	298		
15	3	1972	0.0	1719	-74	18.4 170 32.8	2980.7	8.6	303		
15	3	1972	0.0	1900	-74	10.3 169 48.2	2995.3	8.7	303		
15	3	1972	0.0	2031	-74	3.0 169 8.0	3008.5	9.1	42		
15	3	1972	0.0	2054	-74	0.4 169 16.6	3012.0	8.2	42		
15	3	1972	0.0	2122	-73	57.6 169 25.9	3015.8	5.7	41		
15	3	1972	0.0	2138	-73	56.5 169 29.6	3017.3	0.6	6	START	15
15	3	1972	0.0	2217	-73	56.1 169 29.8	3017.7	6.1	83	END	15
15	3	1972	0.0	2223	-73	56.0 169 31.9	3018.3	5.8	60		
15	3	1972	0.0	2235	-73	55.4 169 35.6	3019.5	8.2	61		
15	3	1972	0.0	2311	-73	53.1 169 51.2	3024.4	7.1	85		
15	3	1972	0.0	2317	-73	53.0 169 53.7	3025.1	7.6	61		
16	3	1972	0.0	0101	-73	46.7 170 35.3	3038.3	7.3	28		
16	3	1972	0.0*0214		-73	38.9 170 50.2	3047.2	7.6	24		
16	3	1972	0.0	0300	-73	33.6 170 58.6	3053.0	7.2	23		
16	3	1972	0.0*0412		-73	25.7 171 10.8	3061.6	7.2	24		
16	3	1972	0.0	0452	-73	21.3 171 17.7	3066.4	8.2	25		
16	3	1972	0.0*0548		-73	14.4 171 29.0	3074.0	7.9	25		
16	3	1972	0.0	0730	-73	2.2 171 49.0	3087.5	8.0	25		
16	3	1972	0.0	1001	-72	44.0 172 18.5	3107.7	8.8	84		
16	3	1972	0.0	1003	-72	44.0 172 19.5	3108.0	7.6	58		
16	3	1972	0.0	1200	-72	36.3 173 1.7	3122.7	7.6	58		
16	3	1972	0.0*1256		-72	32.6 173 21.9	3129.8	7.5	61		
16	3	1972	0.0	1423	-72	27.3 173 53.6	3140.7	4.9	59		
16	3	1972	0.0	1433	-72	26.9 173 56.0	3141.5	4.8	256		
16	3	1972	0.0	1448	-72	27.2 173 52.2	3142.7	0.5	347	START	16
16	3	1972	0.0*1518		-72	26.9 173 52.0	3143.0	0.8	36		16
16	3	1972	0.0*1544		-72	26.7 173 52.6	3143.3	0.6	42		16
16	3	1972	0.0	1707	-72	26.0 173 54.6	3144.2	3.2	59	END	16
16	3	1972	0.0	1714	-72	25.8 173 55.6	3144.6	5.5	60		
16	3	1972	0.0	1742	-72	24.6 174 3.1	3147.1	8.7	61		
16	3	1972	0.0*1810		-72	22.6 174 14.8	3151.2	8.3	60		
16	3	1972	0.0	1902	-72	19.0 174 35.3	3158.4	8.2	315		
16	3	1972	0.0*2040		-72	9.5 174 4.1	3171.8	8.5	316		
16	3	1972	0.0*2108		-72	6.6 173 55.3	3175.8	8.5	311		
16	3	1972	0.0	2139	-72	3.7 173 44.6	3180.1	5.0	273		
16	3	1972	0.0	2202	-72	3.6 173 38.4	3182.1	4.5	92		
16	3	1972	0.0	2237	-72	3.7 173 46.9	3184.7	4.2	143		
16	3	1972	0.0	2242	-72	4.0 173 47.6	3185.1	0.7	295	START	17
17	3	1972	0.0	0000	-72	3.6 173 45.1	3185.9	7.1	310	END	17
17	3	1972	0.0	0029	-72	1.4 173 36.7	3189.3	9.9	310		
17	3	1972	0.0	0209	-71	50.6 172 56.3	3205.9	8.1	66		
17	3	1972	0.0	0249	-71	48.4 173 12.3	3211.3	8.2	19		
17	3	1972	0.0*0314		-71	45.2 173 15.9	3214.7	8.3	25		
17	3	1972	0.0	0333	-71	42.8 173 19.6	3217.4	4.7	27		
17	3	1972	0.0	0349	-71	41.7 173 21.4	3218.6	0.3	86	START	18
17	3	1972	0.0*0652		-71	41.7 173 24.5	3219.6	0.4	14		18
17	3	1972	0.0	0804	-71	41.2 173 24.9	3220.1	5.5	10	END	18
17	3	1972	0.0	0824	-71	39.3 173 26.0	3222.0	8.4	10		
17	3	1972	0.0*0928		-71	30.5 173 31.0	3230.9	8.5	7		
17	3	1972	0.0	1002	-71	25.7 173 32.9	3235.8	9.2	7		
17	3	1972	0.0*1014		-71	23.9 173 33.7	3237.6	9.0	4		
17	3	1972	0.0	1202	-71	7.8 173 37.7	3253.7	10.1	5		
17	3	1972	0.0*1242		-71	1.1 173 39.6	3260.5	10.2	4		

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION	NO.
17	3	1972	0.0*1338		-70	51.6 173 41.7	3270.0	10.1	6		
17	3	1972	0.0	1430	-70	43.0 173 44.4	3278.7	9.8	5		
17	3	1972	0.0*1434		-70	42.3 173 44.6	3279.3	10.2	2		
17	3	1972	0.0*1534		-70	32.1 173 46.1	3289.5	10.0	4		
17	3	1972	0.0	1630	-70	22.9 173 48.1	3298.8	10.0	4		
17	3	1972	0.0*1644		-70	20.5 173 48.6	3301.2	10.0	3		
17	3	1972	0.0*1804		-70	7.3 173 51.2	3314.5	9.6	4		
17	3	1972	0.0	1830	-70	3.1 173 52.1	3318.6	9.6	4		
17	3	1972	0.0*1832		-70	2.8 173 52.1	3318.9	10.0	6		
17	3	1972	0.0	2000	-69	48.2 173 57.1	3333.6	10.2	347		
17	3	1972	0.0*2138		-69	31.9 173 47.0	3350.3	10.0	349		
17	3	1972	0.0	2200	-69	28.3 173 45.1	3354.0	10.1	349		
18	3	1972	0.0	0000	-69	8.5 173 34.7	3374.1	10.1	349		
18	3	1972	0.0	0201	-68	48.4 173 24.4	3394.6	10.3	351		
18	3	1972	0.0	0400	-68	28.1 173 16.1	3415.0	10.3	351		
18	3	1972	0.0*0408		-68	26.8 173 15.5	3416.4	10.1	350		
18	3	1972	0.0*0508		-68	16.8 173 11.1	3426.5	9.9	350		
18	3	1972	0.0	0600	-68	8.4 173 7.5	3435.1	9.8	350		
18	3	1972	0.0*0624		-68	4.5 173 5.8	3439.0	10.1	348		
18	3	1972	0.0	0807	-67	47.5 172 56.8	3456.3	10.0	351		
18	3	1972	0.0	1000	-67	28.8 172 49.7	3475.2	7.9	25		
18	3	1972	0.0	1003	-67	28.5 172 50.1	3475.6	9.9	351		
18	3	1972	0.0*1056		-67	19.8 172 46.8	3484.3	10.0	349		
18	3	1972	0.0	1220	-67	6.0 172 39.9	3498.4	6.0	345		
18	3	1972	0.0	1302	-67	2.0 172 37.1	3502.5	9.9	349		
18	3	1972	0.0*1530		-66	38.0 172 25.3	3527.0	10.0	350		
18	3	1972	0.0*1718		-66	20.2 172 17.6	3545.0	9.9	349		
18	3	1972	0.0	1755	-66	14.2 172 14.9	3551.1	9.9	348		
18	3	1972	0.0*2006		-65	53.2 172 3.9	3572.6	10.1	348		
18	3	1972	0.0	2011	-65	52.3 172 3.5	3573.5	9.9	359		
18	3	1972	0.0	2219	-65	31.2 172 3.1	3594.6	7.1	52		
18	3	1972	0.0	2223	-65	30.9 172 4.0	3595.1	10.1	359		
18	3	1972	0.0	2330	-65	19.6 172 3.9	3606.4	9.9	359		
19	3	1972	0.0	0102	-65	4.4 172 3.7	3621.6	9.9	8		
19	3	1972	0.0	0300	-64	45.1 172 10.4	3641.2	10.0	8		
19	3	1972	0.0	0500	-64	25.2 172 17.3	3661.2	10.0	8		
19	3	1972	0.0	0735	-63	59.8 172 26.1	3686.9	10.2	3		
19	3	1972	0.0*0914		-63	43.0 172 28.5	3703.7	9.9	7		
19	3	1972	0.0	0930	-63	40.4 172 29.3	3706.4	9.9	7		
19	3	1972	0.0	1130	-63	20.9 172 35.1	3726.1	9.6	7		
19	3	1972	0.0	1330	-63	1.9 172 40.7	3745.3	9.4	7		
19	3	1972	0.0	1530	-62	43.3 172 46.1	3764.0	9.3	7		
19	3	1972	0.0*1536		-62	42.4 172 46.3	3764.9	9.4	9		
19	3	1972	0.0*1730		-62	24.7 172 52.8	3782.8	9.7	10		
19	3	1972	0.0*1818		-62	17.1 172 55.9	3790.5	9.4	12		
19	3	1972	0.0	1830	-62	15.3 172 56.8	3792.4	9.8	8		
19	3	1972	0.0	2030	-61	56.0 173 2.9	3811.9	9.9	8		
19	3	1972	0.0	2219	-61	38.2 173 8.3	3829.9	8.5	301		
19	3	1972	0.0	2221	-61	38.1 173 7.8	3830.2	10.1	8		
19	3	1972	0.0	2230	-61	36.6 173 8.3	3831.7	9.2	5		
19	3	1972	0.0*2240		-61	35.0 173 8.6	3833.3	9.5	8		
20	3	1972	0.0	0030	-61	17.8 173 13.9	3850.6	9.3	8		
20	3	1972	0.0*0114		-61	11.1 173 16.0	3857.4	10.2	8		
20	3	1972	0.0	0230	-60	58.4 173 19.7	3870.3	10.3	8		
20	3	1972	0.0*0232		-60	58.0 173 19.8	3870.7	9.9	8		
20	3	1972	0.0	0430	-60	38.8 173 25.9	3890.1	9.3	9		
20	3	1972	0.0*0510		-60	32.7 173 27.9	3896.3	9.2	12		
20	3	1972	0.0	0630	-60	20.7 173 33.1	3908.6	8.4	13		
20	3	1972	0.0	0830	-60	4.3 173 40.7	3925.4	7.9	13		
20	3	1972	0.0	0957	-59	53.1 173 46.1	3936.9	5.5	335		
20	3	1972	0.0	1000	-59	52.9 173 45.9	3937.2	8.4	12		
20	3	1972	0.0	1130	-59	40.6 173 51.5	3949.8	9.1	11		
20	3	1972	0.0	1330	-59	22.7 173 58.9	3968.1	9.1	12		
20	3	1972	0.0*1354		-59	19.1 174 0.5	3971.7	9.3	9		
20	3	1972	0.0	1500	-59	8.9 174 3.6	3982.0	9.1	9		
20	3	1972	0.0*1630		-58	55.5 174 7.9	3995.6	8.6	9		
20	3	1972	0.0	1700	-58	51.3 174 9.2	3999.9	8.0	9		
20	3	1972	0.0	1730	-58	47.3 174 10.5	4003.9	8.1	7		
20	3	1972	0.0*1754		-58	44.1 174 11.3	4007.2	7.9	7		
20	3	1972	0.0	1930	-58	31.5 174 14.5	4019.8	8.8	6		

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
20	3	1972	0.0	2142	-58 12.2	174 18.8	4039.3	4.3	13	
20	3	1972	0.0	2155	-58 11.3	174 19.2	4040.2	1.0	86	START 19
20	3	1972	0.0	2302	-58 11.2	174 21.4	4041.4	5.5	10	END 19
20	3	1972	0.0	2320	-58 9.6	174 22.0	4043.0	9.1	6	
21	3	1972	0.0*	0118	-57 51.9	174 25.8	4060.9	8.8	6	
21	3	1972	0.0	0130	-57 50.1	174 26.1	4062.6	8.9	6	
21	3	1972	0.0*	0210	-57 44.2	174 27.3	4068.6	9.9	4	
21	3	1972	0.0*	0330	-57 31.1	174 29.4	4081.7	8.8	6	
21	3	1972	0.0	0530	-57 13.7	174 33.3	4099.2	8.6	6	
21	3	1972	0.0	0730	-56 56.6	174 37.1	4116.5	8.1	7	
21	3	1972	0.0	0900	-56 44.7	174 39.9	4128.5	7.9	7	
21	3	1972	0.0	0956	-56 37.3	174 41.7	4135.9	5.6	329	
21	3	1972	0.0	0959	-56 37.1	174 41.4	4136.2	7.5	7	
21	3	1972	0.0	1200	-56 22.2	174 45.2	4151.3	7.6	7	
21	3	1972	0.0	1400	-56 7.2	174 48.8	4166.4	7.8	7	
21	3	1972	0.0*	1454	-56 0.2	174 50.5	4173.5	7.6	7	
21	3	1972	0.0*	1540	-55 54.4	174 51.9	4179.3	7.8	14	
21	3	1972	0.0	1600	-55 51.9	174 53.1	4181.9	8.1	13	
21	3	1972	0.0	1800	-55 36.2	174 59.7	4198.1	8.7	12	
21	3	1972	0.0	2000	-55 19.1	175 6.3	4215.5	9.1	11	
21	3	1972	0.0*	2042	-55 12.9	175 8.6	4221.9	9.2	11	
21	3	1972	0.0	2130	-55 5.6	175 11.3	4229.3	9.5	11	
21	3	1972	0.0	2226	-54 57.0	175 14.4	4238.1	2.7	307	
21	3	1972	0.0	2233	-54 56.8	175 13.9	4238.4	9.8	11	
22	3	1972	0.0	0001	-54 42.7	175 18.8	4252.8	10.4	22	
22	3	1972	0.0	0200	-54 23.5	175 32.1	4273.5	10.2	22	
22	3	1972	0.0*	0250	-54 15.6	175 37.7	4282.0	10.2	20	
22	3	1972	0.0	0400	-54 4.4	175 44.7	4293.9	10.3	20	
22	3	1972	0.0	0600	-53 45.0	175 56.7	4314.6	10.7	19	
22	3	1972	0.0	0659	-53 35.1	176 2.6	4325.1	10.5	27	
22	3	1972	0.0	0900	-53 16.2	176 18.9	4346.3	10.4	27	
22	3	1972	0.0	1100	-52 57.8	176 34.8	4367.1	10.4	27	
22	3	1972	0.0	1300	-52 39.3	176 50.5	4387.9	10.4	27	
22	3	1972	0.0	1402	-52 29.7	176 58.5	4398.6	7.8	320	
22	3	1972	0.0*	1448	-52 25.1	176 52.2	4404.6	9.1	313	
22	3	1972	0.0	1600	-52 17.6	176 39.3	4415.5	9.3	313	
22	3	1972	0.0*	1742	-52 6.6	176 20.7	4431.3	9.2	313	
22	3	1972	0.0	1800	-52 4.7	176 17.5	4434.1	9.0	313	
22	3	1972	0.0*	1804	-52 4.3	176 16.8	4434.7	8.9	315	
22	3	1972	0.0*	1952	-51 52.9	175 58.4	4450.8	9.1	315	
22	3	1972	0.0	2001	-51 51.9	175 56.8	4452.1	9.7	318	
22	3	1972	0.0	2018	-51 49.9	175 53.9	4454.9	5.0	322	
22	3	1972	0.0	2042	-51 48.3	175 51.9	4456.9	9.6	318	
22	3	1972	0.0	2226	-51 35.8	175 34.3	4473.4	5.3	321	
22	3	1972	0.0	2322	-51 31.9	175 29.3	4478.4	8.2	319	
23	3	1972	0.0	0047	-51 23.1	175 17.2	4490.1	7.6	184	
23	3	1972	0.0	0230	-51 36.1	175 15.4	4503.1	7.4	184	
23	3	1972	0.0*	0338	-51 44.5	175 14.3	4511.5	7.3	183	
23	3	1972	0.0	0420	-51 49.6	175 13.8	4516.7	4.3	183	
23	3	1972	0.0	0435	-51 50.7	175 13.7	4517.7	3.3	345	
23	3	1972	0.0	0454	-51 49.7	175 13.2	4518.8	4.2	338	
23	3	1972	0.0	0546	-51 46.3	175 11.1	4522.4	0.9	13	START 20
23	3	1972	0.0	0740	-51 44.5	175 11.8	4524.2	5.7	336	END 20
23	3	1972	0.0	0752	-51 43.5	175 11.1	4525.3	0.9	13	START 21
23	3	1972	0.0	0913	-51 42.3	175 11.6	4526.6	6.1	336	END 21
23	3	1972	0.0	1003	-51 37.6	175 8.2	4531.7	0.9	14	START 22
23	3	1972	0.0*	1036	-51 37.1	175 8.4	4532.2	1.3	17	22
23	3	1972	0.0	1106	-51 36.5	175 8.7	4532.9	5.9	334	END 22
23	3	1972	0.0	1118	-51 35.4	175 7.9	4534.0	6.8	329	
23	3	1972	0.0	1300	-51 25.6	174 58.4	4545.5	7.1	328	
23	3	1972	0.0*	1322	-51 23.3	174 56.2	4548.1	7.2	328	
23	3	1972	0.0*	1408	-51 18.6	174 51.6	4553.7	7.2	328	
23	3	1972	0.0	1500	-51 13.2	174 46.4	4560.0	8.8	327	
23	3	1972	0.0*	1542	-51 8.1	174 41.0	4566.2	8.6	326	
23	3	1972	0.0*	1654	-50 59.4	174 31.8	4576.5	8.4	326	
23	3	1972	0.0	1700	-50 58.7	174 31.1	4577.4	8.9	325	
23	3	1972	0.0	1900	-50 44.0	174 15.1	4595.2	9.3	320	
23	3	1972	0.0*	1920	-50 41.6	174 12.0	4598.3	10.0	322	
23	3	1972	0.0	2100	-50 28.4	173 55.8	4615.1	10.4	321	
23	3	1972	0.0*	2138	-50 23.2	173 49.4	4621.7	10.2	321	

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
23	3	1972	0.0	2215	-50 18.3	173 43.2	4628.0	5.8	227	
23	3	1972	0.0	2221	-50 18.7	173 42.5	4628.6	10.2	321	
23	3	1972	0.0	2300	-50 13.5	173 36.1	4635.2	9.7	321	
23	3	1972	0.0*	2324	-50 10.4	173 32.3	4639.1	8.4	315	
24	3	1972	0.0	0059	-50 0.9	173 17.9	4652.4	9.7	44	
24	3	1972	0.0	0300	-49 46.9	173 39.2	4672.0	9.6	44	
24	3	1972	0.0	0545	-49 28.1	174 7.6	4698.3	9.6	41	
24	3	1972	0.0	0800	-49 11.8	174 29.7	4720.0	9.7	41	
24	3	1972	0.0	1000	-48 57.1	174 49.3	4739.5	9.8	41	
24	3	1972	0.0	1200	-48 42.4	175 9.0	4759.1	9.8	41	
24	3	1972	0.0*	1230	-48 38.7	175 13.9	4764.0	10.1	41	
24	3	1972	0.0*	1318	-48 32.7	175 21.9	4772.1	10.0	40	
24	3	1972	0.0	1400	-48 27.3	175 28.8	4779.1	10.1	40	
24	3	1972	0.0*	1418	-48 25.0	175 31.8	4782.1	10.4	39	
24	3	1972	0.0	1600	-48 11.3	175 48.6	4799.9	10.2	39	
24	3	1972	0.0*	1628	-48 7.6	175 53.1	4804.6	10.3	41	
24	3	1972	0.0	1800	-47 55.7	176 8.6	4820.4	10.3	41	
24	3	1972	0.0*	2002	-47 39.9	176 29.1	4841.4	10.3	39	
24	3	1972	0.0	2006	-47 39.3	176 29.8	4842.1	10.3	42	
24	3	1972	0.0	2200	-47 24.9	176 49.4	4861.7	10.2	42	
25	3	1972	0.0	0000	-47 9.8	177 9.7	4882.1	10.2	42	
25	3	1972	0.0	0200	-46 54.7	177 30.0	4902.6	10.2	42	
25	3	1972	0.0*	0342	-46 42.0	177 47.0	4919.9	9.9	41	
25	3	1972	0.0	0400	-46 39.8	177 49.9	4922.8	9.9	41	
25	3	1972	0.0	0600	-46 25.0	178 9.0	4942.5	10.0	41	
25	3	1972	0.0	0800	-46 10.2	178 28.2	4962.5	10.1	41	
25	3	1972	0.0	1000	-45 55.1	178 47.5	4982.6	10.0	41	
25	3	1972	0.0*	1040	-45 50.2	178 53.8	4989.2	10.3	42	
25	3	1972	0.0	1200	-45 40.1	179 7.0	5002.9	9.8	357	
25	3	1972	0.0*	1318	-45 27.3	179 6.3	5015.7	9.9	359	
25	3	1972	0.0	1350	-45 22.0	179 6.2	5021.0	6.4	1	
25	3	1972	0.0*	1542	-45 10.1	179 6.6	5032.9	6.3	359	
25	3	1972	0.0	1612	-45 6.9	179 6.5	5036.0	9.6	357	
25	3	1972	0.0*	1706	-44 58.3	179 6.1	5044.7	9.4	357	
25	3	1972	0.0	1814	-44 47.7	179 5.4	5055.3	9.2	290	
25	3	1972	0.0	2030	-44 40.3	178 37.8	5076.3	9.2	290	
25	3	1972	0.0	2230	-44 33.9	178 13.7	5094.6	9.3	290	
26	3	1972	0.0	0030	-44 27.4	177 49.3	5113.1	9.6	290	
26	3	1972	0.0*	0120	-44 24.6	177 38.8	5121.1	10.3	292	
26	3	1972	0.0	0232	-44 19.9	177 22.8	5133.5	10.8	301	
26	3	1972	0.0	0344	-44 13.2	177 7.3	5146.4	10.4	291	
26	3	1972	0.0	0500	-44 8.3	176 50.2	5159.7	10.3	292	
26	3	1972	0.0*	0530	-44 6.4	176 43.5	5164.8	10.1	288	
26	3	1972	0.0	0623	-44 3.5	176 31.8	5173.8	10.8	285	
26	3	1972	0.0	0830	-43 57.3	176 1.1	5196.6	10.8	285	
26	3	1972	0.0	1030	-43 51.5	175 32.3	5218.2	11.1	285	
26	3	1972	0.0	1134	-43 48.4	175 16.6	5230.0	11.0	290	
26	3	1972	0.0	1330	-43 40.9	174 49.0	5251.2	10.9	290	
26	3	1972	0.0*	1432	-43 37.0	174 34.5	5262.5	11.2	289	
26	3	1972	0.0	1530	-43 33.4	174 20.4	5273.3	11.1	289	
26	3	1972	0.0	1730	-43 25.9	173 51.5	5295.6	11.1	289	
26	3	1972	0.0	1803	-43 23.8	173 43.6	5301.7	10.1	289	
26	3	1972	0.0	1820	-43 22.8	173 39.9	5304.6	8.8	289	
26	3	1972	0.0	2030	-43 16.4	173 15.0	5323.7	8.6	289	
26	3	1972	0.0	2117	-43 14.1	173 6.3	5330.5	5.0	217	
26	3	1972	0.0	2146	-43 16.0	173 4.3	5332.9	8.4	214	
26	3	1972	0.0	2202	-43 17.9	173 2.5	5335.1	8.2	210	
26	3	1972	0.0	2251	-43 23.7	172 57.9	5341.9	8.2	204	
26	3	1972	0.0	2316	-43 26.8	172 55.9	5345.3	7.3	204	
27	3	1972	0.0	0034	-43 35.5	172 50.5	5354.8	6.3	224	
27	3	1972	0.0	0035	-43 35.6	172 50.4	5354.9	7.9	243	
27	3	1972	0.0	0039	-43 35.8	172 49.7	5355.4	6.5	252	
27	3	1972	0.0	0043	-43 35.9	172 49.1	5355.9	4.8	262	
27	3	1972	0.0	0104	-43 36.2	172 46.8	5357.6	4.5	245	
27	3	1972	0.0	0110	-43 36.3	172 46.3	5358.0	4.3	261	
27	3	1972	0.0	0118	-43 36.4	172 45.5	5358.6	4.1	250	
27	3	1972	0.0	0123	-43 36.5	172 45.0	5358.9	3.6	263	
27	3	1972	0.0	0135	-43 36.6	172 44.1	5359.6	2.1	270	
27	3	1972	0.0	0139	-43 36.6	172 43.9	5359.8	2.0	317	
27	3	1972	0.0	0151	-43 36.3	172 43.5	5360.2	0.9	238	

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
27	3	1972	0.0	0200	-43 36.4	172 43.3	5360.3	0.7	281	
27	3	1972	0.0	*0201	-43 36.4	172 43.3	5360.3			

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
10	4	1972	0.0	*0015	-43 36.4	172 43.3	0.0	6.2	180	
10	4	1972	0.0	0616	-43 36.4	172 43.3	0.0	2.3	149	
10	4	1972	0.0	0619	-43 36.5	172 43.4	0.1	3.3	102	
10	4	1972	0.0	0621	-43 36.5	172 43.6	0.2	4.8	83	
10	4	1972	0.0	0625	-43 36.5	172 44.0	0.5	5.7	76	
10	4	1972	0.0	0703	-43 35.6	172 48.8	4.2	10.7	91	
10	4	1972	0.0	0800	-43 35.8	173 2.8	14.3	9.9	120	
10	4	1972	0.0	0901	-43 41.0	173 14.7	24.3	5.7	191	
10	4	1972	0.0	0938	-43 44.4	173 13.7	27.8	10.2	192	
10	4	1972	0.0	1100	-43 58.1	173 9.5	41.8	10.3	192	
10	4	1972	0.0	1238	-44 14.4	173 4.5	58.5	10.1	194	
10	4	1972	0.0	*1308	-44 19.3	173 2.8	63.6	10.5	192	
10	4	1972	0.0	*1342	-44 25.1	173 1.0	69.5	9.7	194	
10	4	1972	0.0	*1426	-44 32.0	172 58.5	76.6	9.4	193	
10	4	1972	0.0	1444	-44 34.8	172 57.6	79.5	8.8	192	
10	4	1972	0.0	1517	-44 38.8	172 56.3	83.6	9.6	193	
10	4	1972	0.0	1649	-44 53.9	172 51.4	99.1	9.5	214	
10	4	1972	0.0	1900	-45 11.1	172 34.9	119.9	9.6	214	
10	4	1972	0.0	2100	-45 27.1	172 19.5	139.2	9.5	214	
10	4	1972	0.0	*2206	-45 35.7	172 11.1	149.6	9.3	216	
10	4	1972	0.0	2330	-45 46.1	171 60.0	162.6	8.7	217	
11	4	1972	0.0	*0050	-45 55.4	171 49.9	174.2	8.6	214	
11	4	1972	0.0	0101	-45 56.7	171 48.7	175.8	8.6	221	
11	4	1972	0.0	*0256	-46 8.9	171 33.0	192.1	8.6	224	
11	4	1972	0.0	0330	-46 12.4	171 28.0	197.0	8.9	224	
11	4	1972	0.0	*0454	-46 21.2	171 15.5	209.4	9.4	224	
11	4	1972	0.0	0531	-46 25.4	171 9.6	215.2	9.2	221	
11	4	1972	0.0	0800	-46 42.6	170 47.8	238.1	9.1	221	
11	4	1972	0.0	1030	-46 59.7	170 26.0	260.8	8.9	221	
11	4	1972	0.0	*1158	-47 9.5	170 13.4	273.8	9.0	222	
11	4	1972	0.0	1300	-47 16.4	170 4.1	283.1	9.1	222	
11	4	1972	0.0	1530	-47 33.1	169 41.5	305.8	8.9	222	
11	4	1972	0.0	*1550	-47 35.3	169 38.6	308.8	9.4	221	
11	4	1972	0.0	1730	-47 47.0	169 23.3	324.3	8.9	221	
11	4	1972	0.0	1930	-48 0.4	169 5.6	342.2	9.4	221	
11	4	1972	0.0	2130	-48 14.6	168 47.0	361.0	9.2	221	
11	4	1972	0.0	2330	-48 28.3	168 28.7	379.4	9.2	221	
12	4	1972	0.0	*0006	-48 32.5	168 23.2	384.9	9.2	223	
12	4	1972	0.0	0130	-48 41.9	168 9.9	397.8	9.2	223	
12	4	1972	0.0	*0208	-48 46.2	168 3.9	403.6	9.5	221	
12	4	1972	0.0	0330	-48 55.9	167 50.7	416.7	9.7	221	
12	4	1972	0.0	0530	-49 10.4	167 30.9	436.1	9.7	221	
12	4	1972	0.0	*0552	-49 13.1	167 27.3	439.7	9.1	217	
12	4	1972	0.0	0730	-49 24.9	167 13.4	454.6	9.0	217	
12	4	1972	0.0	0900	-49 35.6	167 0.6	468.1	9.0	217	
12	4	1972	0.0	1047	-49 48.3	166 45.3	484.3	9.6	176	
12	4	1972	0.0	1049	-49 48.6	166 45.4	484.6	9.4	217	
12	4	1972	0.0	1230	-50 1.2	166 30.2	500.5	9.6	217	
12	4	1972	0.0	1430	-50 16.5	166 11.8	519.8	9.6	229	
12	4	1972	0.0	1615	-50 27.4	165 51.7	536.6	9.4	219	
12	4	1972	0.0	*1648	-50 31.4	165 46.4	541.8	9.7	218	
12	4	1972	0.0	1837	-50 45.1	165 29.2	559.4	9.6	225	
12	4	1972	0.0	*1844	-50 45.9	165 28.0	560.5	9.6	226	
12	4	1972	0.0	1915	-50 49.4	165 22.3	565.5	10.0	218	
12	4	1972	0.0	2100	-51 3.0	165 5.1	582.9	10.0	218	
12	4	1972	0.0	2318	-51 21.0	164 42.4	605.9	8.7	156	
12	4	1972	0.0	2321	-51 21.4	164 42.6	606.3	10.0	218	
12	4	1972	0.0	*2354	-51 25.7	164 37.1	611.8	10.4	216	
13	4	1972	0.0	0100	-51 34.9	164 26.3	623.2	10.2	216	
13	4	1972	0.0	*0124	-51 38.2	164 22.5	627.3	10.0	217	
13	4	1972	0.0	0225	-51 46.3	164 12.4	637.5	7.8	217	
13	4	1972	0.0	*0308	-51 50.7	164 6.9	643.1	7.4	219	
13	4	1972	0.0	0316	-51 51.5	164 5.9	644.0	5.8	219	
13	4	1972	0.0	0358	-51 54.6	164 1.7	648.1	9.4	219	
13	4	1972	0.0	0432	-51 58.7	163 56.2	653.4	9.0	297	
13	4	1972	0.0	0630	-51 50.5	163 31.0	671.0	9.1	297	
13	4	1972	0.0	0829	-51 42.1	163 5.2	689.0	4.7	297	
13	4	1972	0.0	0844	-51 41.5	163 3.5	690.2	0.1	274	START 1
13	4	1972	0.0	*1154	-51 41.5	163 3.2	690.4	0.1	8	1
13	4	1972	0.0	1223	-51 41.5	163 3.2	690.5	5.8	298	END 1

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
13	4	1972	0.0	1258	-51 39.8	162 58.4	693.9	9.4	298	
13	4	1972	0.0	1500	-51 30.8	162 31.5	712.9	9.3	298	
13	4	1972	0.0	*1602	-51 26.2	162 17.9	722.5	9.2	298	
13	4	1972	0.0	1700	-51 22.0	162 5.3	731.4	9.1	298	
13	4	1972	0.0	*1714	-51 21.0	162 2.3	733.5	9.2	299	
13	4	1972	0.0	*1756	-51 17.8	161 53.4	739.9	9.6	299	
13	4	1972	0.0	1900	-51 12.8	161 39.2	750.1	9.2	299	
13	4	1972	0.0	*1942	-51 9.6	161 30.3	756.6	9.3	299	
13	4	1972	0.0	2100	-51 3.7	161 13.5	768.7	8.8	299	
13	4	1972	0.0	*2108	-51 3.1	161 11.9	769.8	8.7	301	
13	4	1972	0.0	2230	-50 56.9	160 55.9	781.7	8.7	301	
14	4	1972	0.0	0000	-50 50.1	160 38.3	794.7	9.2	301	
14	4	1972	0.0	*0014	-50 49.0	160 35.4	796.8	9.6	302	
14	4	1972	0.0	0101	-50 45.0	160 25.4	804.3	8.9	183	
14	4	1972	0.0	*0156	-50 53.4	160 24.5	812.7	8.8	183	
14	4	1972	0.0	0330	-51 6.8	160 23.1	826.2	8.7	183	
14	4	1972	0.0	0514	-51 30.6	160 20.6	850.1	8.4	80	
14	4	1972	0.0	0638	-51 30.1	160 25.9	853.4	9.0	78	
14	4	1972	0.0	*0748	-51 27.9	160 42.3	863.9	8.7	85	
14	4	1972	0.0	0807	-51 27.7	160 46.7	866.6	9.0	91	
14	4	1972	0.0	1000	-51 28.0	161 13.8	883.5	9.2	91	
14	4	1972	0.0	*1032	-51 28.1	161 21.6	888.4	9.3	92	
14	4	1972	0.0	1200	-51 28.8	161 43.5	902.0	9.3	92	
14	4	1972	0.0	*1216	-51 28.9	161 47.5	904.5	9.4	95	
14	4	1972	0.0	1400	-51 30.5	162 13.5	920.8	9.2	95	
14	4	1972	0.0	*1406	-51 30.6	162 14.9	921.7	9.2	94	
14	4	1972	0.0	1518	-51 31.5	162 32.6	932.7	5.9	97	
14	4	1972	0.0	1539	-51 31.8	162 35.9	934.8	6.2	94	
14	4	1972	0.0	1551	-51 31.9	162 37.9	936.0	9.4	92	
14	4	1972	0.0	*1706	-51 32.4	162 56.6	947.7	9.3	90	
14	4	1972	0.0	1732	-51 32.4	163 3.1	951.7	9.0	71	
14	4	1972	0.0	1819	-51 30.2	163 13.9	958.8	8.9	293	
14	4	1972	0.0	*1852	-51 28.3	163 6.6	963.7	8.8	295	
14	4	1972	0.0	2030	-51 22.1	162 45.8	978.1	8.8	295	
14	4	1972	0.0	*2204	-51 16.1	162 25.8	991.9	8.7	292	
14	4	1972	0.0	2230	-51 14.7	162 20.2	995.7	8.3	292	
14	4	1972	0.0	*2324	-51 11.8	162 9.2	1003.2	9.1	287	
14	4	1972	0.0	2332	-51 11.5	162 7.3	1004.4	9.5	128	
14	4	1972	0.0	2345	-51 12.7	162 9.9	1006.5	4.6	137	
14	4	1972	0.0	2357	-51 13.4	162 10.9	1007.4	1.4	227	START 2
15	4	1972	0.0	*0108	-51 14.5	162 8.9	1009.0	0.1	18	2
15	4	1972	0.0	0419	-51 14.1	162 9.1	1009.4	6.0	315	END 2
15	4	1972	0.0	0435	-51 13.0	162 7.3	1011.1	8.7	314	
15	4	1972	0.0	0652	-50 59.0	161 44.9	1030.9	10.1	179	
15	4	1972	0.0	0900	-51 20.5	161 45.0	1052.4	7.2	184	
15	4	1972	0.0	*0944	-51 25.8	161 44.3	1057.7	8.5	183	
15	4	1972	0.0	*1006	-51 28.9	161 44.0	1060.8	8.2	187	
15	4	1972	0.0	1100	-51 36.3	161 42.5	1068.2	9.3	186	
15	4	1972	0.0	*1152	-51 44.2	161 41.0	1076.2	9.6	184	
15	4	1972	0.0	1201	-51 45.7	161 40.8	1077.7	7.0	184	
15	4	1972	0.0	1328	-51 55.8	161 39.6	1087.9	10.6	184	
15	4	1972	0.0	1401	-52 1.6	161 38.8	1093.7	8.2	51	
15	4	1972	0.0	1413	-52 0.6	161 40.9	1095.3	8.0	51	
15	4	1972	0.0	1421	-51 60.0	161 42.3	1096.4	9.1	51	
15	4	1972	0.0	*1422	-51 59.9	161 42.5	1096.5	8.9	49	
15	4	1972	0.0	1428	-51 59.3	161 43.6	1097.4	5.9	50	
15	4	1972	0.0	1438	-51 58.7	161 44.8	1098.4	8.6	48	
15	4	1972	0.0	*1532	-51 53.5	161 54.1	1106.1	9.2	48	
15	4	1972	0.0	1600	-51 50.7	161 59.3	1110.4	9.3	48	
15	4	1972	0.0	*1618	-51 48.8	162 2.7	1113.2	8.9	47	
15	4	1972	0.0	*1718	-51 42.8	162 13.3	1122.1	9.3	48	
15	4	1972	0.0	1745	-51 40.1	162 18.4	1126.3	8.7	38	
15	4	1972	0.0	*1910	-51 30.4	162 30.6	1138.5	8.7	40	
15	4	1972	0.0	1930	-51 28.2	162 33.6	1141.5	9.1	45	
15	4	1972	0.0	*1950	-51 26.1	162 37.0	1144.5	9.4	44	
15	4	1972	0.0	2201	-51 11.5	163 0.2	1165.0	9.3	199	
16	4	1972	0.0	0030	-51 33.2	162 47.8	1188.0	9.0	199	
16	4	1972	0.0	0145	-51 43.8	162 41.8	1199.2	6.2	197	
16	4	1972	0.0	0155	-51 44.8	162 41.3	1200.3	0.8	147	START 3
16	4	1972	0.0	*0232	-51 45.2	162 41.7	1200.8	0.5	162	3

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DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.	
16	4	1972	0.0	0418	-51	46.1	162 42.2	1201.7	0.5	134	3
16	4	1972	0.0	0501	-51	46.3	162 42.6	1202.0	4.1	215 END	3
16	4	1972	0.0	0515	-51	47.1	162 41.7	1203.0	6.5	217	
16	4	1972	0.0	0632	-51	53.7	162 33.4	1211.3	8.7	2	
16	4	1972	0.0	0817	-51	38.5	162 34.4	1226.6	8.7	353	
16	4	1972	0.0	0856	-51	32.8	162 33.4	1232.2	8.8	354	
16	4	1972	0.0	1012	-51	21.7	162 31.7	1243.4	5.9	298	
16	4	1972	0.0	1015	-51	21.6	162 31.3	1243.7	8.6	354	
16	4	1972	0.0	1040	-51	18.0	162 30.8	1247.2	8.7	353	
16	4	1972	0.0	1101	-51	15.0	162 30.2	1250.3	6.9	201	
16	4	1972	0.0	1201	-51	21.4	162 26.2	1257.2	4.1	236	
16	4	1972	0.0	1204	-51	21.5	162 25.9	1257.4	6.1	201	
16	4	1972	0.0	1300	-51	26.8	162 22.6	1263.1	6.6	201	
16	4	1972	0.0	1430	-51	36.0	162 16.9	1272.9	6.4	201	
16	4	1972	0.0	1600	-51	44.9	162 11.3	1282.5	5.4	200	
16	4	1972	0.0	1652	-51	49.2	162 8.6	1287.1	4.0	207	
16	4	1972	0.0	1706	-51	50.1	162 7.9	1288.1	7.9	326	
16	4	1972	0.0	1830	-51	40.9	161 58.0	1299.1	7.7	326	
16	4	1972	0.0	1923	-51	35.3	161 51.9	1305.9	7.3	315	
16	4	1972	0.0	2045	-51	28.1	161 40.7	1315.9	7.4	315	
16	4	1972	0.0	2200	-51	21.4	161 30.3	1325.2	7.8	315	
16	4	1972	0.0	2314	-51	14.5	161 19.6	1334.8	7.8	323	
16	4	1972	0.0	2346	-51	11.2	161 15.6	1339.0	8.3	326	
17	4	1972	0.0	0118	-51	0.6	161 4.3	1351.7	8.6	327	
17	4	1972	0.0	0130	-50	59.1	161 2.8	1353.5	8.3	327	
17	4	1972	0.0	0300	-50	48.7	160 52.2	1365.9	8.4	327	
17	4	1972	0.0	0411	-50	40.3	160 43.8	1375.8	6.1	329	
17	4	1972	0.0	0433	-50	38.4	160 42.0	1378.0	8.3	327	
17	4	1972	0.0	0522	-50	32.6	160 36.2	1384.8	7.9	330	
17	4	1972	0.0	0600	-50	28.3	160 32.3	1389.9	7.5	330	
17	4	1972	0.0	0730	-50	18.4	160 23.7	1401.2	7.9	330	
17	4	1972	0.0	0900	-50	8.1	160 14.5	1413.0	8.2	330	
17	4	1972	0.0	1014	-49	59.3	160 6.7	1423.1	10.3	11	
17	4	1972	0.0	1230	-49	36.4	160 13.7	1446.5	9.7	11	
17	4	1972	0.0	1326	-49	27.5	160 16.4	1455.6	9.4	15	
17	4	1972	0.0	1358	-49	22.7	160 18.5	1460.6	8.8	8	
17	4	1972	0.0	1407	-49	21.4	160 18.8	1461.9	8.8	16	
17	4	1972	0.0	1434	-49	17.6	160 20.5	1465.9	9.0	12	
17	4	1972	0.0	1500	-49	13.8	160 21.9	1469.8	8.7	6	
17	4	1972	0.0	1536	-49	8.6	160 22.8	1475.0	8.4	7	
17	4	1972	0.0	1620	-49	2.5	160 23.9	1481.1	8.7	8	
17	4	1972	0.0	1700	-48	56.8	160 25.3	1486.9	8.8	8	
17	4	1972	0.0	1722	-48	53.6	160 26.1	1490.2	8.8	15	
17	4	1972	0.0	1900	-48	39.8	160 31.7	1504.5	8.9	14	
17	4	1972	0.0	2030	-48	26.8	160 36.9	1517.8	9.3	14	
17	4	1972	0.0	2200	-48	13.4	160 42.0	1531.7	9.1	14	
17	4	1972	0.0	2251	-48	5.9	160 44.8	1539.4	3.0	293	
17	4	1972	0.0	2256	-48	5.8	160 44.5	1539.7	9.1	14	
18	4	1972	0.0	0020	-47	53.5	160 49.2	1552.3	5.8	23	
18	4	1972	0.0	0038	-47	51.9	160 50.2	1554.1	6.0	19	
18	4	1972	0.0	0054	-47	50.4	160 51.0	1555.7	9.4	12	
18	4	1972	0.0	0300	-47	31.2	160 57.4	1575.4	9.6	12	
18	4	1972	0.0	0500	-47	12.4	161 3.4	1594.6	9.7	12	
18	4	1972	0.0	0618	-47	0.1	161 7.3	1607.2	9.2	11	
18	4	1972	0.0	0700	-46	53.8	161 9.2	1613.7	9.6	11	
18	4	1972	0.0	0930	-46	30.3	161 15.9	1637.5	9.6	10	
18	4	1972	0.0	1018	-46	22.8	161 18.0	1645.2	1.6	301	
18	4	1972	0.0	1020	-46	22.8	161 17.9	1645.3	9.7	10	
18	4	1972	0.0	1046	-46	18.7	161 19.1	1649.5	9.3	9	
18	4	1972	0.0	1230	-46	2.8	161 22.9	1665.5	9.2	9	
18	4	1972	0.0	1346	-45	51.3	161 25.7	1677.2	9.0	8	
18	4	1972	0.0	1430	-45	44.8	161 27.1	1683.8	9.2	8	
18	4	1972	0.0	1532	-45	35.4	161 29.0	1693.3	9.3	10	
18	4	1972	0.0	1630	-45	26.5	161 31.3	1702.3	9.5	8	
18	4	1972	0.0	1724	-45	18.1	161 33.1	1710.8	9.6	9	
18	4	1972	0.0	1830	-45	7.6	161 35.7	1721.4	9.7	9	
18	4	1972	0.0	1910	-45	1.3	161 37.2	1727.9	9.5	4	
18	4	1972	0.0	1946	-44	55.6	161 37.8	1733.6	6.0	324	
18	4	1972	0.0	1948	-44	55.4	161 37.6	1733.8	9.5	4	
18	4	1972	0.0	2200	-44	34.5	161 39.7	1754.7	9.6	3	

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DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.	
18	4	1972	0.0	2359	-44	15.6	161 41.5	1773.7	9.6	3	
19	4	1972	0.0	0203	-43	55.9	161 43.4	1793.5	5.0	7	
19	4	1972	0.0	0212	-43	55.1	161 43.5	1794.2	0.7	86 START	4
19	4	1972	0.0	0626	-43	55.0	161 47.4	1797.0	6.1	9 END	4
19	4	1972	0.0	0645	-43	53.0	161 47.8	1799.6	9.5	6	
19	4	1972	0.0	0739	-43	44.5	161 49.2	1807.5	9.6	8	
19	4	1972	0.0	0930	-43	26.9	161 53.0	1825.4	9.5	8	
19	4	1972	0.0	1000	-43	22.2	161 54.0	1830.1	9.2	11	
19	4	1972	0.0	1102	-43	12.9	161 56.6	1839.7	5.5	16	
19	4	1972	0.0	1127	-43	10.7	161 57.5	1841.9	9.8	11	
19	4	1972	0.0	1331	-42	50.8	162 2.8	1862.2	7.4	252	
19	4	1972	0.0	1356	-42	51.7	161 58.8	1865.3	7.9	258	
19	4	1972	0.0	1500	-42	53.4	161 47.5	1873.8	8.3	258	
19	4	1972	0.0	1536	-42	54.5	161 40.9	1878.7	8.5	258	
19	4	1972	0.0	1632	-42	56.0	161 30.3	1886.6	8.5	259	
19	4	1972	0.0	1653	-42	56.6	161 26.3	1889.6	7.0	261	
19	4	1972	0.0	1744	-42	57.5	161 18.3	1895.6	8.1	260	
19	4	1972	0.0	1822	-42	58.3	161 11.3	1900.7	8.2	260	
19	4	1972	0.0	1930	-42	59.9	160 58.8	1910.0	8.1	260	
19	4	1972	0.0	2010	-43	0.8	160 51.5	1915.4	8.3	262	
19	4	1972	0.0	2130	-43	2.3	160 36.4	1926.5	8.2	262	
19	4	1972	0.0	2258	-43	3.9	160 20.2	1938.5	8.3	259	
19	4	1972	0.0	2319	-43	4.5	160 16.3	1941.4	8.2	254	
20	4	1972	0.0	0031	-43	7.1	160 3.3	1951.3	5.5	255	
20	4	1972	0.0	0230	-43	9.9	159 49.0	1962.1	5.9	254	
20	4	1972	0.0	0248	-43	10.4	159 46.6	1963.9	6.1	251	
20	4	1972	0.0	0405	-43	12.9	159 36.4	1971.7	4.9	251	
20	4	1972	0.0	0448	-43	14.0	159 31.9	1975.2	5.5	251	
20	4	1972	0.0	0600	-43	16.1	159 23.3	1981.8	5.2	251	
20	4	1972	0.0	0624	-43	16.7	159 20.6	1983.9	4.9	247	
20	4	1972	0.0	0700	-43	17.9	159 16.9	1986.8	0.5	172 START	5
20	4	1972	0.0	0900	-43	18.9	159 17.0	1987.8	0.4	184	5
20	4	1972	0.0	1022	-43	19.3	159 17.0	1988.3	3.9	254 END	5
20	4	1972	0.0	1044	-43	19.7	159 15.1	1989.7	5.6	259	
20	4	1972	0.0	1215	-43	21.3	159 8.7	1998.1	5.2	259	
20	4	1972	0.0	1352	-43	22.8	158 52.3	2006.6	7.2	259	
20	4	1972	0.0	1506	-43	24.5	158 40.2	2015.5	5.5	259	
20	4	1972	0.0	1525	-43	24.8	158 37.8	2017.3	7.2	259	
20	4	1972	0.0	1544	-43	25.3	158 34.7	2019.6	7.4	259	
20	4	1972	0.0	1630	-43	26.3	158 27.1	2025.2	8.1	259	
20	4	1972	0.0	1732	-43	27.8	158 15.8	2033.6	5.7	259	
20	4	1972	0.0	1738	-43	27.9	158 15.0	2034.1	7.5	259	
20	4	1972	0.0	1900	-43	29.8	158 1.1	2044.4	7.7	259	
20	4	1972	0.0	1920	-43	30.3	157 57.6	2046.9	7.8	255	
20	4	1972	0.0	2000	-43	31.6	157 50.7	2052.1	7.5	255	
20	4	1972	0.0	2100	-43	33.5	157 40.8	2059.6	7.2	255	
20	4	1972	0.0	2152	-43	35.0	157 32.4	2065.9	7.1	257	
20	4	1972	0.0	2200	-43	35.2	157 31.1	2066.8	7.1	257	
20	4	1972	0.0	2230	-43	36.0	157 26.3	2070.4	6.9	260	
20	4	1972	0.0	2330	-43	37.2	157 16.9	2077.3	6.8	260	
21	4	1972	0.0	0030	-43	38.4	157 7.6	2084.1	7.1	260	
21	4	1972	0.0	0130	-43	39.6	156 58.0	2091.2	7.8	260	
21	4	1972	0.0	0140	-43	39.8	156 56.2	2092.5	7.7	262	
21	4	1972	0.0	0300	-43	41.1	156 42.1	2102.8	7.9	262	
21	4	1972	0.0	0348	-43	41.9	156 33.4	2109.1	8.2	263	
21	4	1972	0.0	0416	-43	42.4	156 28.2	2112.9	8.0	258	
21	4	1972	0.0	0528	-43	44.3	156 15.2	2122.5	8.1	258	
21	4	1972	0.0	0530	-43	44.3	156 14.8	2122.8	8.7	258	
21	4	1972	0.0	0635	-43	46.3	156 2.0	2132.2	8.4	258	
21	4	1972	0.0	0722	-43	47.6	155 53.1	2138.8	8.4	257	
21	4	1972	0.0	0800	-43	48.8	155 45.9	2144.1	8.7	257	
21	4	1972	0.0	1000	-43	52.8	155 22.4	2161.5	8.8	257	
21	4	1972	0.0	1140	-43	56.1	155 2.6	2176.1	8.9	255	
21	4	1972	0.0	1232	-43	58.0	154 52.3	2183.9	5.2	254	
21	4	1972	0.0	1245	-43	58.3	154 50.7	2185.0	0.4	221 START	6
21	4	1972	0.0	1326	-43	58.5	154 50.5	2185.3	0.3	339	6
21	4	1972	0.0	1456	-43	58.2	154 50.3	2185.7	0.3	44	6
21	4	1972	0.0	1548	-43	58.0	154 50.5	2185.9	5.8	256 END	6
21	4	1972	0.0	1607	-43	58.4	154 48.1	2187.8	8.0	256	
21	4	1972	0.0	1642	-43	59.5	154 41.7	2192.4	8.1	254	

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
21	4	1972	0.0*	1728	-44	1.1	154 33.4	2198.6	8.0	254	
21	4	1972	0.0	1803	-44	2.4	154 27.2	2203.3	5.6	254	
21	4	1972	0.0	1934	-44	4.6	154 15.8	2211.8	8.0	254	
21	4	1972	0.0	2101	-44	7.6	154 0.2	2223.4	9.4	39	
21	4	1972	0.0	2124	-44	8.8	154 3.3	2227.0	5.8	40	
21	4	1972	0.0	2302	-43	57.6	154 11.8	2236.4	9.4	39	
22	4	1972	0.0	0100	-43	43.3	154 28.0	2254.9	9.5	39	
22	4	1972	0.0*	0248	-43	30.0	154 43.0	2272.1	9.5	38	
22	4	1972	0.0	0300	-43	28.5	154 44.6	2274.0	9.5	38	
22	4	1972	0.0	0502	-43	13.4	155 1.2	2293.3	9.6	76	
22	4	1972	0.0	0600	-43	11.3	155 13.6	2302.6	6.3	76	
22	4	1972	0.0	0739	-43	8.8	155 27.5	2313.0	9.7	76	
22	4	1972	0.0*	0858	-43	5.9	155 44.6	2325.8	9.7	76	
22	4	1972	0.0	0930	-43	4.6	155 51.4	2331.0	9.7	76	
22	4	1972	0.0*	1040	-43	1.9	156 6.5	2342.3	9.8	76	
22	4	1972	0.0	1130	-43	0.1	156 17.3	2350.4	9.9	76	
22	4	1972	0.0*	1228	-42	57.9	156 30.1	2360.0	10.0	75	
22	4	1972	0.0	1330	-42	55.3	156 43.8	2370.4	9.9	75	
22	4	1972	0.0	1530	-42	50.4	157 10.1	2390.3	9.9	75	
22	4	1972	0.0*	1554	-42	49.4	157 15.3	2394.2	9.9	75	
22	4	1972	0.0*	1636	-42	47.7	157 24.5	2401.1	9.7	75	
22	4	1972	0.0	1730	-42	45.6	157 35.9	2409.8	9.6	75	
22	4	1972	0.0*	1742	-42	45.1	157 38.5	2411.8	9.4	75	
22	4	1972	0.0	1930	-42	40.9	158 0.8	2428.7	9.3	75	
22	4	1972	0.0	2130	-42	36.3	158 25.4	2447.4	9.5	75	
22	4	1972	0.0*	2146	-42	35.6	158 28.7	2449.9	9.5	76	
22	4	1972	0.0	2300	-42	32.8	158 44.3	2461.7	9.5	76	
22	4	1972	0.0*	2334	-42	31.6	158 51.4	2467.1	9.7	75	
23	4	1972	0.0	0001	-42	30.5	158 57.1	2471.4	9.1	159	
23	4	1972	0.0	0130	-42	43.1	159 3.6	2485.0	8.9	159	
23	4	1972	0.0*	0210	-42	48.7	159 6.5	2490.9	9.4	158	
23	4	1972	0.0	0300	-42	56.0	159 10.4	2498.7	9.5	158	
23	4	1972	0.0	0420	-43	7.8	159 16.7	2511.4	5.0	157	
23	4	1972	0.0	0432	-43	8.7	159 17.2	2512.4	0.3	122	START 7
23	4	1972	0.0*	0736	-43	9.2	159 18.3	2513.4	0.3	105	7
23	4	1972	0.0*	0948	-43	9.4	159 19.3	2514.1	0.9	162	7
23	4	1972	0.0	0952	-43	9.5	159 19.4	2514.2	5.9	185	END 7
23	4	1972	0.0	1130	-43	19.0	159 18.2	2523.8	6.8	185	
23	4	1972	0.0*	1132	-43	19.3	159 18.2	2524.0	6.2	188	
23	4	1972	0.0	1252	-43	27.5	159 16.4	2532.3	6.1	188	
23	4	1972	0.0	1351	-43	33.4	159 15.1	2538.4	9.5	188	
23	4	1972	0.0	1501	-43	44.3	159 12.8	2549.4	9.4	257	
23	4	1972	0.0	1700	-43	48.3	158 47.6	2568.0	9.5	257	
23	4	1972	0.0*	1732	-43	49.3	158 40.7	2573.1	9.9	256	
23	4	1972	0.0	1812	-43	50.8	158 31.8	2579.7	9.6	254	
23	4	1972	0.0	2000	-43	55.4	158 8.7	2597.0	9.7	254	
23	4	1972	0.0*	2052	-43	57.6	157 57.4	2605.4	9.7	255	
23	4	1972	0.0	2130	-43	59.1	157 49.1	2611.5	9.5	255	
23	4	1972	0.0*	2238	-44	1.8	157 34.6	2622.3	9.3	256	
23	4	1972	0.0	2313	-44	3.0	157 27.3	2627.7	8.9	261	
23	4	1972	0.0	2340	-44	3.6	157 21.7	2631.7	5.9	261	
23	4	1972	0.0	2358	-44	3.9	157 19.3	2633.5	9.2	261	
24	4	1972	0.0	0142	-44	6.1	156 57.4	2649.4	5.2	261	
24	4	1972	0.0	0151	-44	6.3	156 56.3	2650.2	0.2	253	START 8
24	4	1972	0.0*	0252	-44	6.3	156 56.0	2650.4	0.5	302	8
24	4	1972	0.0	0452	-44	5.8	156 54.8	2651.4	5.8	262	END 8
24	4	1972	0.0	0506	-44	6.0	156 53.0	2652.8	8.6	261	
24	4	1972	0.0	0527	-44	6.4	156 48.8	2655.8	5.5	262	
24	4	1972	0.0	0552	-44	6.7	156 45.7	2658.0	9.0	261	
24	4	1972	0.0*	0644	-44	7.9	156 34.9	2665.9	9.0	261	
24	4	1972	0.0	0810	-44	9.8	156 17.0	2678.8	6.0	355	
24	4	1972	0.0	0828	-44	7.9	156 16.9	2680.6	8.3	260	
24	4	1972	0.0	0836	-44	8.1	156 15.3	2681.8	9.2	255	
24	4	1972	0.0*	0930	-44	10.3	156 4.1	2690.1	9.5	255	
24	4	1972	0.0	1030	-44	12.6	155 51.3	2699.5	9.3	255	
24	4	1972	0.0*	1038	-44	12.9	155 49.7	2700.8	9.1	254	
24	4	1972	0.0*	1226	-44	17.2	155 27.5	2717.2	8.8	255	
24	4	1972	0.0	1230	-44	17.4	155 26.7	2717.8	8.8	255	
24	4	1972	0.0*	1300	-44	18.5	155 20.8	2722.2	7.8	254	
24	4	1972	0.0	1402	-44	20.6	155 9.9	2730.2	9.7	318	

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
24	4	1972	0.0	1556	-44	6.9	154 52.9	2748.6	9.8	323	
24	4	1972	0.0*	1604	-44	5.8	154 51.8	2749.9	10.1	322	
24	4	1972	0.0	1730	-43	54.3	154 39.5	2764.4	9.9	322	
24	4	1972	0.0	1858	-43	42.8	154 27.3	2779.0	9.5	74	
24	4	1972	0.0	2100	-43	37.6	154 53.0	2798.3	9.7	74	
24	4	1972	0.0*	2224	-43	34.0	155 11.2	2811.9	9.2	75	
24	4	1972	0.0	2241	-43	33.3	155 14.7	2814.5	7.5	138	
24	4	1972	0.0	2245	-43	33.7	155 15.1	2815.0	8.8	75	
24	4	1972	0.0	2302	-43	33.1	155 18.4	2817.5	8.8	78	
25	4	1972	0.0*	0010	-43	31.0	155 31.9	2827.5	8.7	78	
25	4	1972	0.0	0100	-43	29.5	155 41.7	2834.8	8.9	78	
25	4	1972	0.0	0300	-43	25.9	156 5.8	2852.6	8.9	78	
25	4	1972	0.0*	0408	-43	23.8	156 19.5	2862.8	9.1	79	
25	4	1972	0.0	0500	-43	22.4	156 30.2	2870.7	9.4	79	
25	4	1972	0.0	0700	-43	19.0	156 55.6	2889.4	9.5	79	
25	4	1972	0.0	0900	-43	15.6	157 21.4	2908.5	9.7	79	
25	4	1972	0.0	0953	-43	14.0	157 32.9	2917.1	6.0	161	
25	4	1972	0.0	0958	-43	14.5	157 33.2	2917.6	9.8	79	
25	4	1972	0.0	1004	-43	14.3	157 34.5	2918.6	9.6	76	
25	4	1972	0.0*	1026	-43	13.5	157 39.2	2922.1	9.7	77	
25	4	1972	0.0	1200	-43	10.1	157 59.4	2937.2	9.6	74	
25	4	1972	0.0	1400	-43	4.9	158 24.8	2956.5	9.8	74	
25	4	1972	0.0*	1404	-43	4.7	158 25.6	2957.1	9.6	72	
25	4	1972	0.0	1600	-42	59.0	158 49.8	2975.7	9.4	72	
25	4	1972	0.0*	1702	-42	56.0	159 2.4	2985.4	9.2	72	
25	4	1972	0.0	1800	-42	53.3	159 14.0	2994.3	9.3	72	
25	4	1972	0.0	1924	-42	49.3	159 31.0	3007.4	9.3	76	
25	4	1972	0.0*	2048	-42	46.3	159 48.2	3020.4	9.2	82	
25	4	1972	0.0	2100	-42	46.0	159 50.7	3022.2	9.2	82	
25	4	1972	0.0	2230	-42	44.1	160 9.3	3036.0	8.4	200	
25	4	1972	0.0	2234	-42	44.7	160 9.1	3036.6	8.2	156	
25	4	1972	0.0	2238	-42	45.2	160 9.4	3037.1	7.0	231	
25	4	1972	0.0	2330	-42	48.9	160 2.9	3043.2	7.1	231	
26	4	1972	0.0	0030	-42	53.3	159 55.4	3050.3	7.5	231	
26	4	1972	0.0*	0108	-42	56.3	159 50.3	3055.0	7.1	233	
26	4	1972	0.0	0130	-42	57.8	159 47.4	3057.6	7.1	233	
26	4	1972	0.0	0230	-43	2.1	159 39.6	3064.7	7.9	233	
26	4	1972	0.0	0330	-43	6.8	159 31.0	3072.6	8.2	233	
26	4	1972	0.0	0430	-43	11.7	159 22.1	3080.7	8.2	233	
26	4	1972	0.0*	0444	-43	12.8	159 20.0	3082.6	8.2	231	
26	4	1972	0.0	0530	-43	16.7	159 13.3	3088.9	7.8	231	
26	4	1972	0.0	0630	-43	21.6	159 4.8	3096.7	8.2	231	
26	4	1972	0.0*	0654	-43	23.7	159 1.3	3100.0	8.0	232	
26	4	1972	0.0	0701	-43	24.2	159 0.3	3100.9	10.0	93	
26	4	1972	0.0	0830	-43	25.1	159 20.6	3115.7	10.1	93	
26	4	1972	0.0	0947	-43	25.9	159 38.3	3128.6	8.1	311	
26	4	1972	0.0	1100	-43	19.3	159 28.1	3138.5	7.5	311	
26	4	1972	0.0	1200	-43	14.3	159 20.4	3146.0	7.3	311	
26	4	1972	0.0*	1222	-43	12.5	159 17.7	3148.7	7.4	312	
26	4	1972	0.0	1300	-43	9.4	159 13.0	3153.4	7.0	309	
26	4	1972	0.0	1430	-43	2.7	159 1.9	3163.9	6.4	309	
26	4	1972	0.0*	1456	-43	0.9	158 59.0	3166.7	6.3	308	
26	4	1972	0.0	1603	-42	56.5	158 51.5	3173.7	7.3	220	
26	4	1972	0.0	1700	-43	1.8	158 45.4	3180.6	7.2	220	
26	4	1972	0.0*	1758	-43	7.1	158 39.2	3187.6	7.6	217	
26	4	1972	0.0	1800	-43	7.3	158 39.0	3187.9	7.2	217	
26	4	1972	0.0	1830	-43	10.2	158 36.1	3191.5	7.0	220	
26	4	1972	0.0	1930	-43	15.5	158 29.8	3198.5	6.9	220	
26	4	1972	0.0	2030	-43	20.8	158 23.6	3205.4	7.2	220	
26	4	1972	0.0	2130	-43	26.2	158 17.1	3212.6	7.5	221	
26	4	1972	0.0	2230	-43	31.9	158 10.3	3220.1	8.1	221	
26	4	1972	0.0*	2326	-43	37.5	158 3.4	3227.6	8.1	225	
26	4	1972	0.0	2330	-43	37.9	158 2.9	3228.2	8.5	225	
27	4	1972	0.0	0030	-43	43.8	157 54.5	3236.7	8.5	225	
27	4	1972	0.0	0130	-43	49.8	157 46.1	3245.1	8.0	225	
27	4	1972	0.0	0300	-43	58.1	157 34.2	3257.1	6.1	280	
27	4	1972	0.0*	0352	-43	57.1	157 26.9	3262.4	6.3	284	
27	4	1972	0.0	0400	-43	56.9	157 25.8	3263.3	6.6	284	
27	4	1972	0.0	0500	-43	55.3	157 16.9	3269.8	6.2	284	
27	4	1972	0.0	0600	-43	53.8	157 8.7	3276.0	5.8	284	

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
27	4	1972	0.0	0700	-43 52.3	157 0.8	3281.8	5.4	285	
27	4	1972	0.0	0800	-43 50.9	156 53.6	3287.3	5.5	284	
27	4	1972	0.0	0900	-43 49.5	156 46.2	3292.8	5.3	285	
27	4	1972	0.0*0938		-43 48.6	156 41.6	3296.1	5.4	287	
27	4	1972	0.0	1000	-43 48.0	156 39.0	3298.1	5.4	282	
27	4	1972	0.0	1100	-43 46.9	156 31.8	3303.5	5.4	282	
27	4	1972	0.0*1126		-43 46.4	156 28.6	3305.8	5.5	281	
27	4	1972	0.0	1200	-43 45.8	156 24.4	3308.9	5.4	281	
27	4	1972	0.0	1300	-43 44.7	156 17.1	3314.3	5.4	281	
27	4	1972	0.0*1340		-43 43.9	156 12.3	3317.9	5.7	284	
27	4	1972	0.0	1400	-43 43.4	156 9.7	3319.8	5.7	284	
27	4	1972	0.0	1500	-43 42.0	156 2.1	3325.5	5.9	284	
27	4	1972	0.0*1526		-43 41.4	155 58.6	3328.1	6.3	278	
27	4	1972	0.0	1600	-43 40.8	155 53.8	3331.6	7.0	274	
27	4	1972	0.0	1700	-43 40.3	155 44.2	3338.6	6.8	274	
27	4	1972	0.0*1742		-43 39.9	155 37.6	3343.4	6.1	273	
27	4	1972	0.0	1800	-43 39.8	155 35.1	3345.2	6.3	273	
27	4	1972	0.0	1900	-43 39.4	155 26.4	3351.5	7.1	272	
27	4	1972	0.0	2000	-43 39.1	155 16.6	3358.6	7.2	272	
27	4	1972	0.0	2100	-43 38.7	155 6.7	3365.7	7.7	272	
27	4	1972	0.0	2130	-43 38.6	155 1.4	3369.6	7.6	204	
27	4	1972	0.0	2230	-43 45.5	154 57.0	3377.2	8.0	204	
27	4	1972	0.0*2330		-43 52.7	154 52.3	3385.2	8.4	198	
28	4	1972	0.0	0035	-44 1.4	154 48.3	3394.3	6.3	197	
28	4	1972	0.0	0130	-44 6.9	154 45.9	3400.1	6.0	197	
28	4	1972	0.0	0154	-44 9.2	154 44.9	3402.5	9.7	199	
28	4	1972	0.0	0200	-44 10.1	154 44.5	3403.5	7.1	208	
28	4	1972	0.0	0230	-44 13.2	154 42.1	3407.0	7.5	208	
28	4	1972	0.0	0300	-44 16.5	154 39.6	3410.8	7.7	209	
28	4	1972	0.0*0302		-44 16.7	154 39.4	3411.0	7.6	210	
28	4	1972	0.0	0330	-44 19.8	154 36.9	3414.5	7.3	210	
28	4	1972	0.0	0400	-44 22.9	154 34.3	3418.2	7.1	210	
28	4	1972	0.0	0430	-44 26.0	154 31.8	3421.8	7.6	210	
28	4	1972	0.0	0445	-44 27.6	154 30.4	3423.7	7.1	210	
28	4	1972	0.0*0450		-44 28.1	154 30.0	3424.3	7.2	210	
28	4	1972	0.0	0500	-44 29.2	154 29.1	3425.5	7.5	210	
28	4	1972	0.0	0533	-44 32.7	154 26.2	3429.6	7.7	214	
28	4	1972	0.0	0600	-44 35.6	154 23.5	3433.0	7.6	214	
28	4	1972	0.0	0630	-44 38.7	154 20.5	3436.8	7.6	214	
28	4	1972	0.0	0700	-44 41.9	154 17.5	3440.6	7.8	214	
28	4	1972	0.0	0730	-44 45.1	154 14.4	3444.5	7.6	214	
28	4	1972	0.0	0800	-44 48.2	154 11.4	3448.3	7.8	214	
28	4	1972	0.0	0830	-44 51.4	154 8.3	3452.2	8.0	214	
28	4	1972	0.0*0848		-44 53.4	154 6.4	3454.6	8.1	211	
28	4	1972	0.0	0900	-44 54.8	154 5.2	3456.2	8.0	211	
28	4	1972	0.0	0954	-45 1.0	153 59.9	3463.4	5.7	265	
28	4	1972	0.0	0957	-45 1.0	153 59.5	3463.7	8.3	211	
28	4	1972	0.0	1030	-45 4.9	153 56.1	3468.3	8.3	211	
28	4	1972	0.0	1100	-45 8.4	153 53.1	3472.5	8.1	211	
28	4	1972	0.0	1130	-45 11.9	153 50.1	3476.5	7.9	211	
28	4	1972	0.0*1132		-45 12.1	153 49.9	3476.8	7.9	213	
28	4	1972	0.0	1200	-45 15.2	153 47.0	3480.4	7.7	213	
28	4	1972	0.0	1230	-45 18.4	153 44.0	3484.3	8.3	213	
28	4	1972	0.0	1300	-45 21.8	153 40.7	3488.4	7.9	213	
28	4	1972	0.0	1330	-45 25.1	153 37.7	3492.4	8.3	213	
28	4	1972	0.0	1400	-45 28.6	153 34.4	3496.5	7.7	213	
28	4	1972	0.0	1430	-45 31.8	153 31.4	3500.3	7.8	213	
28	4	1972	0.0*1436		-45 32.4	153 30.7	3501.1	7.9	212	
28	4	1972	0.0	1500	-45 35.1	153 28.3	3504.3	8.1	212	
28	4	1972	0.0	1530	-45 38.5	153 25.2	3508.3	7.7	212	
28	4	1972	0.0	1613	-45 43.2	153 21.0	3513.8	4.3	208	
28	4	1972	0.0	1625	-45 43.9	153 20.4	3514.7	5.0	209	
28	4	1972	0.0	1639	-45 45.0	153 19.6	3515.9	7.6	212	
28	4	1972	0.0	1730	-45 50.5	153 14.7	3522.4	8.1	212	
28	4	1972	0.0	1800	-45 53.9	153 11.6	3526.4	8.0	212	
28	4	1972	0.0*1806		-45 54.5	153 10.9	3527.2	8.1	215	
28	4	1972	0.0	1830	-45 57.2	153 8.2	3530.5	8.5	215	
28	4	1972	0.0	1900	-46 0.6	153 4.7	3534.7	8.7	215	
28	4	1972	0.0	1930	-46 4.2	153 1.0	3539.1	8.5	215	
28	4	1972	0.0*1956		-46 7.2	152 57.9	3542.8	8.8	214	

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.	
28	4	1972	0.0	2000	-46 7.7	152 57.4	3543.3	9.9	214		
28	4	1972	0.0	2014	-46 9.6	152 55.5	3545.6	8.6	214		
28	4	1972	0.0	2100	-46 15.0	152 50.1	3552.3	9.2	214		
28	4	1972	0.0	2130	-46 18.3	152 46.3	3556.9	9.0	214		
28	4	1972	0.0	2220	-46 24.9	152 40.2	3564.3	5.5	213		
28	4	1972	0.0	2231	-46 25.3	152 39.4	3565.3	0.5	167	START	9
28	4	1972	0.0*2322		-46 26.2	152 39.5	3565.8	0.5	143		9
29	4	1972	0.0*0108		-46 26.9	152 40.3	3566.7	0.6	14		9
29	4	1972	0.0	0136	-46 26.7	152 40.4	3567.0	5.6	310	END	9
29	4	1972	0.0	0149	-46 25.9	152 39.1	3568.2	8.1	308		
29	4	1972	0.0	0215	-46 23.7	152 35.1	3571.7	8.0	309		
29	4	1972	0.0	0300	-46 19.9	152 28.4	3577.7	7.9	309		
29	4	1972	0.0	0330	-46 17.4	152 24.0	3581.6	7.4	309		
29	4	1972	0.0*0354		-46 15.5	152 20.6	3584.6	7.6	309		
29	4	1972	0.0	0400	-46 15.1	152 19.8	3585.3	7.3	309		
29	4	1972	0.0	0430	-46 12.7	152 15.7	3589.0	7.8	309		
29	4	1972	0.0	0500	-46 10.3	152 11.3	3592.9	7.1	309		
29	4	1972	0.0	0530	-46 8.0	152 7.4	3596.4	6.7	310		
29	4	1972	0.0	0600	-46 5.8	152 3.7	3599.8	6.7	310		
29	4	1972	0.0	0630	-46 3.7	151 60.0	3603.2	5.4	311		
29	4	1972	0.0	0700	-46 1.9	151 57.0	3605.9	5.2	311		
29	4	1972	0.0	0730	-46 0.2	151 54.2	3608.5	5.2	311		
29	4	1972	0.0	0800	-45 58.4	151 51.4	3611.1	5.2	311		
29	4	1972	0.0	0830	-45 56.7	151 48.5	3613.7	4.4	312		
29	4	1972	0.0	0900	-45 55.2	151 46.2	3615.9	4.4	312		
29	4	1972	0.0*0938		-45 53.3	151 43.3	3618.7	4.8	313		
29	4	1972	0.0	1000	-45 52.1	151 41.4	3620.5	4.4	314		
29	4	1972	0.0	1030	-45 50.5	151 39.2	3622.7	4.8	313		
29	4	1972	0.0	1100	-45 48.9	151 36.7	3625.1	4.4	314		
29	4	1972	0.0*1124		-45 47.6	151 34.9	3626.9	4.8	317		
29	4	1972	0.0	1148	-45 46.2	151 33.1	3628.8	4.8	313		
29	4	1972	0.0	1200	-45 45.5	151 32.0	3629.7	4.7	313		
29	4	1972	0.0*1230		-45 43.9	151 29.6	3632.1	5.3	310		
29	4	1972	0.0	1300	-45 42.2	151 26.7	3634.7	4.7	312		
29	4	1972	0.0	1330	-45 40.6	151 24.3	3637.1	4.0	314		
29	4	1972	0.0*1348		-45 39.8	151 23.0	3638.3	4.0	318		
29	4	1972	0.0	1400	-45 39.2	151 22.3	3639.1	4.4	316		
29	4	1972	0.0	1430	-45 37.5	151 20.1	3641.3	5.3	313		
29	4	1972	0.0	1500	-45 35.7	151 17.4	3643.9	5.0	314		
29	4	1972	0.0	1530	-45 34.0	151 14.8	3646.5	5.4	313		
29	4	1972	0.0*1536		-45 33.6	151 14.3	3647.0	5.5	308		
29	4	1972	0.0	1605	-45 31.9	151 11.3	3649.7	4.8	302		
29	4	1972	0.0	1630	-45 30.9	151 8.9	3651.6	4.8	302		
29	4	1972	0.0	1700	-45 29.6	151 6.0	3654.0	5.4	300		
29	4	1972	0.0*1744		-45 27.5	151 1.1	3658.0	5.4	300		
29	4	1972	0.0	1800	-45 26.8	150 59.3	3659.5	5.6	300		
29	4	1972	0.0	1830	-45 25.4	150 55.9	3662.3	5.4	300		
29	4	1972	0.0	1900	-45 24.0	150 52.5	3665.0	5.4	300		
29	4	1972	0.0	1930	-45 22.6	150 49.2	3667.7	5.8	300		
29	4	1972	0.0	2000	-45 21.2	150 45.6	3670.6	6.1	299		
29	4	1972	0.0*2042		-45 19.1	150 40.4	3674.9	5.7	297		
29	4	1972	0.0	2100	-45 18.3	150 38.2	3676.6	6.3	296		
29	4	1972	0.0*2152		-45 15.8	150 31.3	3682.0	6.0	297		
29	4	1972	0.0	2210	-45 15.0	150 29.0	3683.8	6.7	301		
29	4	1972	0.0	2300	-45 12.1	150 22.2	3689.4	6.3	301		
29	4	1972	0.0	2330	-45 10.4	150 18.4	3692.6	7.0	301		
29	4	1972	0.0	2345	-45 9.5	150 16.3	3694.4	7.0	301		
30	4	1972	0.0	0010	-45 8.0	150 12.8	3697.3	7.6	300		
30	4	1972	0.0	0031	-45 6.7	150 9.5	3699.9	5.6	210		
30	4	1972	0.0	0130	-45 11.4	150 5.5	3705.5	6.1	210		
30	4	1972	0.0*0154		-45 13.5	150 3.7	3707.9	6.2	203		
30	4	1972	0.0	0230	-45 17.0	150 1.6	3711.6	6.6	203		
30	4	1972	0.0	0330	-45 23.0	149 57.9	3718.2	7.2	203		
30	4	1972	0.0	0430	-45 29.6	149 53.8	3725.4	7.2	203		
30	4	1972	0.0	0522	-45 35.3	149 50.2	3731.6	7.5	199		
30	4	1972	0.0	0630	-45 43.3	149 46.1	3740.2	7.6	199		
30	4	1972	0.0*0710		-45 48.1	149 43.7	3745.2	7.4	197		
30	4	1972	0.0	0730	-45 50.5	149 42.6	3747.7	7.0	196		
30	4	1972	0.0	0830	-45 57.2	149 39.7	3754.7	7.2	197		
30	4	1972	0.0	0930	-46 4.1	149 36.7	3761.9	7.0	196		

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
30	4	1972	0.0	1030	-46 10.8	149 33.8	3768.9	7.3	197	
30	4	1972	0.0	1130	-46 17.7	149 30.7	3776.2	7.0	196	
30	4	1972	0.0*1214	-46 22.6	149 28.5	3781.3	7.6	197		
30	4	1972	0.0	1230	-46 24.6	149 27.6	3783.4	8.5	197	
30	4	1972	0.0	1330	-46 32.7	149 23.9	3791.8	8.7	197	
30	4	1972	0.0	1500	-46 45.1	149 18.0	3804.9	8.9	198	
30	4	1972	0.0*1630	-46 57.8	149 12.0	3818.3	9.0	197		
30	4	1972	0.0	1700	-47 2.1	149 10.0	3822.8	9.1	197	
30	4	1972	0.0	1900	-47 19.4	149 2.0	3840.9	8.7	197	
30	4	1972	0.0	2030	-47 31.9	148 56.3	3854.0	8.5	197	
30	4	1972	0.0	2149	-47 42.5	148 51.4	3865.1	8.1	242	
30	4	1972	0.0	2152	-47 42.7	148 50.9	3865.5	8.7	199	
30	4	1972	0.0	2200	-47 43.8	148 50.3	3866.7	9.0	202	
30	4	1972	0.0*2250	-47 50.8	148 46.1	3874.2	8.8	202		
30	4	1972	0.0	2330	-47 56.2	148 42.8	3880.1	8.6	202	
1	5	1972	0.0*0036	-48 4.9	148 37.5	3889.5	8.5	201		
1	5	1972	0.0	0130	-48 12.0	148 33.3	3897.1	8.4	201	
1	5	1972	0.0*0216	-48 18.0	148 29.9	3903.5	8.7	201		
1	5	1972	0.0	0300	-48 23.9	148 26.3	3909.9	8.6	201	
1	5	1972	0.0	0430	-48 35.9	148 19.1	3922.8	8.7	201	
1	5	1972	0.0*0444	-48 37.8	148 17.9	3924.9	8.8	200		
1	5	1972	0.0*0548	-48 46.6	148 13.0	3934.2	8.8	201		
1	5	1972	0.0	0600	-48 48.2	148 12.0	3936.0	8.4	201	
1	5	1972	0.0	0722	-48 58.9	148 5.6	3947.5	4.3	196	
1	5	1972	0.0	0731	-48 59.5	148 5.3	3948.1	0.7	117	START 10
1	5	1972	0.0*0912	-49 0.0	148 6.9	3949.3	0.4	83	10	
1	5	1972	0.0	1053	-48 60.0	148 7.8	3949.9	5.1	198	END 10
1	5	1972	0.0	1105	-49 1.0	148 7.3	3950.9	7.9	199	
1	5	1972	0.0*1118	-49 2.6	148 6.5	3952.6	7.3	195		
1	5	1972	0.0	1230	-49 11.0	148 2.8	3961.4	7.7	196	
1	5	1972	0.0*1240	-49 12.2	148 2.3	3962.7	7.4	197		
1	5	1972	0.0*1358	-49 21.4	147 57.7	3972.3	7.7	198		
1	5	1972	0.0	1430	-49 25.2	147 55.8	3976.4	7.8	198	
1	5	1972	0.0	1600	-49 36.3	147 50.0	3988.0	7.8	198	
1	5	1972	0.0*1604	-49 36.8	147 49.8	3988.6	7.9	199		
1	5	1972	0.0*1728	-49 47.3	147 44.1	3999.6	8.2	200		
1	5	1972	0.0*1752	-49 50.4	147 42.4	4002.9	8.1	200		
1	5	1972	0.0	1800	-49 51.4	147 41.8	4004.0	8.3	200	
1	5	1972	0.0	1900	-49 59.1	147 37.3	4012.3	9.2	169	
1	5	1972	0.0*1914	-50 1.2	147 38.0	4014.4	9.4	170		
1	5	1972	0.0	2030	-50 13.0	147 41.1	4026.3	9.3	170	
1	5	1972	0.0	2206	-50 27.7	147 45.1	4041.2	7.6	224	
1	5	1972	0.0	2210	-50 28.0	147 44.6	4041.8	9.3	170	
1	5	1972	0.0	2330	-50 40.3	147 47.9	4054.2	9.3	170	
2	5	1972	0.0*0010	-50 46.4	147 49.6	4060.4	9.3	168		
2	5	1972	0.0	0130	-50 58.6	147 53.4	4072.8	9.3	168	
2	5	1972	0.0*0304	-51 12.9	147 57.9	4087.4	9.6	169		
2	5	1972	0.0	0328	-51 16.7	147 59.0	4091.2	5.0	167	
2	5	1972	0.0	0341	-51 17.7	147 59.4	4092.3	0.4	101	START 11
2	5	1972	0.0*0454	-51 17.8	148 0.2	4092.9	0.6	120	11	
2	5	1972	0.0	0640	-51 18.4	148 1.6	4093.9	5.6	209	END 11
2	5	1972	0.0	0707	-51 20.6	147 59.6	4096.4	8.1	210	
2	5	1972	0.0	0800	-51 26.7	147 53.7	4103.6	7.8	210	
2	5	1972	0.0*0842	-51 31.4	147 49.2	4109.1	8.5	204		
2	5	1972	0.0	0930	-51 37.6	147 44.7	4115.8	8.3	204	
2	5	1972	0.0	1030	-51 45.2	147 39.2	4124.2	6.9	205	
2	5	1972	0.0	1036	-51 45.8	147 38.7	4124.9	5.7	245	
2	5	1972	0.0	1040	-51 46.0	147 38.2	4125.3	8.1	206	
2	5	1972	0.0	1140	-51 53.2	147 32.3	4133.3	7.5	205	
2	5	1972	0.0*1212	-51 56.8	147 29.5	4137.3	7.8	202		
2	5	1972	0.0	1241	-52 0.3	147 27.1	4141.1	7.1	205	
2	5	1972	0.0	1250	-52 1.3	147 26.4	4142.2	5.7	200	
2	5	1972	0.0	1400	-52 7.5	147 22.6	4148.8	4.2	192	
2	5	1972	0.0	1500	-52 11.6	147 21.1	4153.0	3.9	188	
2	5	1972	0.0	1600	-52 15.5	147 20.2	4156.9	3.5	185	
2	5	1972	0.0*1638	-52 17.7	147 19.8	4159.2	3.0	207		
2	5	1972	0.0	1700	-52 18.7	147 19.0	4160.3	3.6	210	
2	5	1972	0.0	1800	-52 21.8	147 16.0	4163.9	3.6	210	
2	5	1972	0.0*1826	-52 23.1	147 14.7	4165.4	4.0	214		
2	5	1972	0.0	1900	-52 25.0	147 12.6	4167.7	4.2	215	

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
2	5	1972	0.0	2000	-52 28.4	147 8.6	4171.9	4.5	215	
2	5	1972	0.0*2010	-52 29.0	147 7.9	4172.7	4.7	215		
2	5	1972	0.0	2100	-52 32.2	147 4.2	4176.6	4.9	216	
2	5	1972	0.0	2200	-52 36.1	146 59.4	4181.4	5.4	216	
2	5	1972	0.0*2258	-52 40.3	146 54.3	4186.7	5.6	213		
2	5	1972	0.0	2300	-52 40.5	146 54.1	4186.8	6.0	213	
2	5	1972	0.0	2359	-52 45.4	146 48.7	4192.8	6.2	213	
3	5	1972	0.0	0100	-52 50.7	146 42.9	4199.1	6.8	214	
3	5	1972	0.0	0200	-52 56.3	146 36.5	4205.9	7.8	213	
3	5	1972	0.0*0214	-52 57.8	146 34.8	4207.7	6.9	213		
3	5	1972	0.0	0300	-53 2.2	146 30.0	4213.0	7.9	213	
3	5	1972	0.0	0400	-53 8.7	146 22.7	4220.9	7.8	213	
3	5	1972	0.0*0454	-53 14.5	146 16.2	4227.9	7.3	215		
3	5	1972	0.0	0500	-53 15.1	146 15.5	4228.6	7.2	215	
3	5	1972	0.0*0550	-53 20.0	146 9.6	4234.6	6.4	213		
3	5	1972	0.0	0600	-53 20.9	146 8.6	4235.7	7.0	213	
3	5	1972	0.0	0700	-53 26.8	146 2.1	4242.7	7.7	214	
3	5	1972	0.0*0822	-53 35.5	145 52.2	4253.3	7.4	214		
3	5	1972	0.0	0830	-53 36.3	145 51.2	4254.2	7.7	214	
3	5	1972	0.0*0932	-53 42.9	145 43.7	4262.2	7.9	215		
3	5	1972	0.0	0957	-53 45.6	145 40.4	4265.5	4.1	210	
3	5	1972	0.0	1046	-53 48.5	145 37.5	4268.9	7.9	215	
3	5	1972	0.0*1116	-53 51.7	145 33.7	4272.8	8.7	216		
3	5	1972	0.0	1200	-53 56.8	145 27.2	4279.2	9.0	216	
3	5	1972	0.0	1330	-54 7.6	145 13.4	4292.6	9.2	217	
3	5	1972	0.0	1500	-54 18.6	144 59.3	4306.4	9.1	217	
3	5	1972	0.0*1552	-54 24.9	144 51.1	4314.3	9.4	217		
3	5	1972	0.0	1616	-54 27.9	144 47.2	4318.1	9.8	208	
3	5	1972	0.0*1736	-54 39.3	144 36.6	4331.1	9.7	209		
3	5	1972	0.0	1750	-54 41.3	144 34.7	4333.3	9.5	218	
3	5	1972	0.0	1802	-54 42.8	144 32.6	4335.2	10.0	209	
3	5	1972	0.0	1930	-54 55.5	144 19.9	4349.9	9.9	209	
3	5	1972	0.0*2032	-55 4.4	144 11.1	4360.1	9.6	208		
3	5	1972	0.0	2100	-55 8.3	144 7.4	4364.6	9.5	208	
3	5	1972	0.0*2210	-55 18.1	143 58.3	4375.7	9.7	207		
3	5	1972	0.0	2234	-55 21.5	143 55.1	4379.5	8.8	209	
3	5	1972	0.0	2239	-55 22.1	143 54.5	4380.3	8.1	242	
3	5	1972	0.0	2242	-55 22.3	143 53.8	4380.7	9.5	209	
3	5	1972	0.0	2359	-55 32.9	143 43.1	4392.9	9.2	209	
4	5	1972	0.0	0200	-55 49.0	143 26.8	4411.4	9.0	209	
4	5	1972	0.0*0310	-55 58.2	143 17.5	4421.9	9.1	207		
4	5	1972	0.0	0344	-56 2.8	143 13.3	4427.1	8.2	213	
4	5	1972	0.0	0400	-56 4.6	143 11.1	4429.3	9.0	207	
4	5	1972	0.0*0407	-56 5.5	143 10.3	4430.3	9.0	208		
4	5	1972	0.0	0414	-56 6.4	143 9.4	4431.4	9.1	198	
4	5	1972	0.0*0546	-56 19.8	143 1.6	4445.4	8.9	195		
4	5	1972	0.0	0630	-56 26.0	142 58.4	4451.9	8.6	195	
4	5	1972	0.0*0734	-56 34.9	142 53.9	4461.1	9.1	195		
4	5	1972	0.0	0830	-56 43.0	142 49.9	4469.6	9.0	195	
4	5	1972	0.0*0836	-56 43.9	142 49.4	4470.5	8.6	196		
4	5	1972	0.0	0956	-56 54.9	142 43.4	4481.9	7.8	230	
4	5	1972	0.0	0959	-56 55.2	142 42.8	4482.3	8.6	196	
4	5	1972	0.0	1100	-57 3.5	142 38.3	4491.0	8.5	200	
4	5	1972	0.0*1210	-57 12.7	142 31.8	4500.9	8.7	200		
4	5	1972	0.0	1300	-57 19.5	142 27.1	4508.2	8.7	200	
4	5	1972	0.0*1336	-57 24.4	142 23.7	4513.4	8.5	200		
4	5	1972	0.0	1403	-57 28.0	142 21.3	4517.2	8.8	192	
4	5	1972	0.0	1600	-57 44.8	142 14.6	4534.4	8.6	191	
4	5	1972	0.0*1642	-57 50.7	142 12.3	4540.4	8.8	192		
4	5	1972	0.0	1730	-57 57.5	142 9.4	4547.4	8.5	192	
4	5	1972	0.0	1900	-58 10.0	142 4.1	4560.2	7.2	199	
4	5	1972	0.0*2018	-58 18.8	141 58.2	4569.5	7.5	196		
4	5	1972	0.0	2030	-58 20.2	141 57.4	4571.0	6.8	195	
4	5	1972	0.0	2157	-58 29.7	141 52.3	4580.9	4.6	209	
4	5	1972	0.0	2201	-58 30.0	141 52.0	4581.2	6.2	194	
4	5	1972	0.0*2306	-58 36.5	141 48.7	4587.9	6.2	194		
4	5	1972	0.0	2310	-58 36.9	141 48.5	4588.3	4.1	227	
4	5	1972	0.0	2314	-58 37.1	141 48.1	4588.6	5.7	193	
5	5	1972	0.0	0000	-58 41.3	141 46.2	4593.0	5.9	193	
5	5	1972	0.0	0100	-58 47.1	141 43.5	4598.9	6.4	194	

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
5	5	1972	0.0	0200	-58 53.3	141 40.4	4605.3	6.6	195	
5	5	1972	0.0*0218		-58 55.2	141 39.4	4607.3	6.4	196	
5	5	1972	0.0	0300	-58 59.5	141 36.9	4611.8	6.9	197	
5	5	1972	0.0*0314		-59 1.0	141 36.0	4613.4	6.9	202	
5	5	1972	0.0	0344	-59 4.2	141 33.4	4616.8	5.0	214	
5	5	1972	0.0	0349	-59 4.6	141 32.9	4617.2	7.1	202	
5	5	1972	0.0	0500	-59 12.4	141 26.6	4625.7	6.6	202	
5	5	1972	0.0*0550		-59 17.5	141 22.5	4631.2	6.9	204	
5	5	1972	0.0	0600	-59 18.5	141 21.5	4632.4	6.7	204	
5	5	1972	0.0	0711	-59 25.8	141 15.2	4640.3	7.1	199	
5	5	1972	0.0	0800	-59 31.2	141 11.4	4646.1	6.8	199	
5	5	1972	0.0*0830		-59 34.4	141 9.2	4649.5	6.7	199	
5	5	1972	0.0	0900	-59 37.6	141 6.9	4652.8	6.9	199	
5	5	1972	0.0	1000	-59 44.1	141 2.3	4659.7	7.0	200	
5	5	1972	0.0	1100	-59 50.6	140 57.5	4666.7	7.6	200	
5	5	1972	0.0	1200	-59 57.8	140 52.3	4674.4	7.8	195	
5	5	1972	0.0	1300	-60 5.3	140 48.2	4682.2	8.1	195	
5	5	1972	0.0*1304		-60 5.8	140 47.9	4682.7	8.1	195	
5	5	1972	0.0	1400	-60 13.1	140 43.8	4690.2	8.3	195	
5	5	1972	0.0*1418		-60 15.5	140 42.4	4692.7	8.2	196	
5	5	1972	0.0	1500	-60 21.0	140 39.2	4698.5	9.5	196	
5	5	1972	0.0*1556		-60 29.5	140 34.1	4707.3	9.7	194	
5	5	1972	0.0	1600	-60 30.1	140 33.8	4708.0	10.1	194	
5	5	1972	0.0	1700	-60 39.9	140 28.7	4718.1	10.4	194	
5	5	1972	0.0*1740		-60 46.6	140 25.2	4725.0	10.2	195	
5	5	1972	0.0	1830	-60 54.8	140 20.7	4733.5	10.5	197	
5	5	1972	0.0	2011	-61 11.7	140 10.0	4751.1	10.8	195	
5	5	1972	0.0	2047	-61 17.9	140 6.5	4757.6	8.4	187	
5	5	1972	0.0	2230	-61 32.2	140 2.5	4771.9	6.9	187	
6	5	1972	0.0*0004		-61 42.9	139 59.7	4782.8	6.9	187	
6	5	1972	0.0	0030	-61 45.9	139 58.8	4785.8	7.3	187	
6	5	1972	0.0*0152		-61 55.8	139 56.0	4795.8	7.3	190	
6	5	1972	0.0	0230	-62 0.4	139 54.2	4800.4	7.4	190	
6	5	1972	0.0	0420	-62 13.8	139 49.2	4814.1	10.4	190	
6	5	1972	0.0*0458		-62 20.2	139 46.7	4820.6	10.4	190	
6	5	1972	0.0	0630	-62 35.9	139 40.5	4836.6	10.4	190	
6	5	1972	0.0*0742		-62 48.1	139 35.5	4849.0	10.1	191	
6	5	1972	0.0	0800	-62 51.1	139 34.2	4852.0	9.5	191	
6	5	1972	0.0	0916	-63 2.9	139 28.8	4864.1	8.5	329	
6	5	1972	0.0	1030	-62 53.9	139 17.1	4874.5	7.6	329	
6	5	1972	0.0	1130	-62 47.4	139 8.5	4882.2	7.4	329	
6	5	1972	0.0	1156	-62 44.6	139 4.9	4885.4	6.4	329	
6	5	1972	0.0	1300	-62 38.8	138 57.3	4892.2	6.6	329	
6	5	1972	0.0*1326		-62 36.3	138 54.1	4895.0	6.9	331	
6	5	1972	0.0	1400	-62 32.9	138 50.1	4898.9	7.2	331	
6	5	1972	0.0	1430	-62 29.8	138 46.3	4902.5	8.4	330	
6	5	1972	0.0*1506		-62 25.4	138 41.0	4907.6	8.3	331	
6	5	1972	0.0	1530	-62 22.5	138 37.5	4910.9	8.1	331	
6	5	1972	0.0	1630	-62 15.3	138 29.2	4919.0	8.7	331	
6	5	1972	0.0*1650		-62 12.8	138 26.2	4921.9	8.2	330	
6	5	1972	0.0*1714		-62 9.9	138 22.7	4925.2	8.6	330	
6	5	1972	0.0	1730	-62 7.9	138 20.2	4927.5	8.6	330	
6	5	1972	0.0	1801	-62 4.1	138 15.6	4931.9	6.4	330	
6	5	1972	0.0*1838		-62 0.7	138 11.4	4935.9	6.4	330	
6	5	1972	0.0	1900	-61 58.6	138 9.0	4938.2	5.8	331	
6	5	1972	0.0	2000	-61 53.6	138 3.0	4944.0	5.7	331	
6	5	1972	0.0*2026		-61 51.4	138 0.5	4946.4	5.5	339	
6	5	1972	0.0	2100	-61 48.5	137 58.2	4949.5	5.6	339	
6	5	1972	0.0*2118		-61 47.0	137 56.9	4951.2	5.7	342	
6	5	1972	0.0	2200	-61 43.2	137 54.4	4955.2	6.0	341	
6	5	1972	0.0	2259	-61 37.6	137 50.5	4961.1	5.5	343	
6	5	1972	0.0	2331	-61 34.8	137 48.7	4964.0	5.6	342	
7	5	1972	0.0	0031	-61 29.4	137 45.2	4969.6	5.9	342	
7	5	1972	0.0*0054		-61 27.3	137 43.8	4971.9	6.0	342	
7	5	1972	0.0	0130	-61 23.9	137 41.5	4975.5	5.0	345	
7	5	1972	0.0	0230	-61 19.1	137 38.9	4980.4	5.5	343	
7	5	1972	0.0	0330	-61 13.8	137 35.8	4985.9	5.6	343	
7	5	1972	0.0	0430	-61 8.5	137 32.5	4991.4	6.7	341	
7	5	1972	0.0	0531	-61 2.0	137 27.9	4998.3	10.7	87	
7	5	1972	0.0	0630	-61 1.5	137 49.5	5008.7	11.1	87	

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.	
7	5	1972	0.0*0654		-61 1.3	137 58.7	5013.2	10.6	94		
7	5	1972	0.0	0800	-61 2.3	138 22.7	5024.9	10.6	94		
7	5	1972	0.0	0901	-61 3.2	138 44.9	5035.6	10.3	167		
7	5	1972	0.0	1032	-61 18.4	138 51.9	5051.2	9.2	144		
7	5	1972	0.0	1035	-61 18.8	138 52.4	5051.7	9.8	167		
7	5	1972	0.0	1200	-61 32.3	138 58.8	5065.5	10.0	167		
7	5	1972	0.0	1330	-61 47.0	139 5.7	5080.6	10.4	167		
7	5	1972	0.0*1414		-61 54.4	139 9.2	5088.2	10.2	167		
7	5	1972	0.0	1502	-62 2.4	139 13.0	5096.3	10.6	91		
7	5	1972	0.0*1600		-62 2.7	139 34.7	5106.5	10.3	92		
7	5	1972	0.0	1700	-62 3.2	139 56.6	5116.8	10.2	92		
7	5	1972	0.0	1832	-62 3.9	140 29.9	5132.4	9.2	57		
7	5	1972	0.0*1848		-62 2.6	140 34.3	5134.9	9.2	56		
7	5	1972	0.0*1956		-61 56.9	140 52.8	5145.3	9.6	59		
7	5	1972	0.0	2028	-61 54.3	141 2.3	5150.4	6.1	63		
7	5	1972	0.0	2212	-61 49.6	141 22.3	5161.0	6.1	27		
7	5	1972	0.0	2216	-61 49.2	141 22.7	5161.4	6.4	62		
7	5	1972	0.0*2224		-61 48.8	141 24.3	5162.2	6.4	61		
7	5	1972	0.0	2330	-61 45.4	141 37.2	5169.2	6.4	60		
7	5	1972	0.0*2356		-61 44.1	141 42.4	5172.0	6.3	62		
8	5	1972	0.0	0010	-61 43.4	141 45.1	5173.5	9.4	59		
8	5	1972	0.0	0200	-61 34.6	142 16.5	5190.8	9.2	59		
8	5	1972	0.0	0300	-61 30.0	142 33.1	5199.9	6.1	62		
8	5	1972	0.0	0319	-61 29.1	142 36.7	5201.9	9.2	59		
8	5	1972	0.0	0500	-61 21.2	143 4.8	5217.5	9.9	59		
8	5	1972	0.0*0614		-61 14.9	143 26.7	5229.7	10.0	61		
8	5	1972	0.0	0630	-61 13.7	143 31.6	5232.4	9.8	61		
8	5	1972	0.0	0800	-61 6.7	143 58.4	5247.1	9.4	62		
8	5	1972	0.0*0832		-61 4.4	144 7.6	5252.1	9.5	62		
8	5	1972	0.0*0854		-61 2.8	144 14.1	5255.6	9.7	58		
8	5	1972	0.0	0930	-60 59.7	144 24.3	5261.4	9.6	58		
8	5	1972	0.0	1027	-60 54.9	144 40.2	5270.5	5.0	62		
8	5	1972	0.0	1038	-60 54.5	144 41.9	5271.5	0.8	119	START	12
8	5	1972	0.0*1204		-60 55.0	144 43.9	5272.6	0.7	92		12
8	5	1972	0.0	1323	-60 55.1	144 45.9	5273.5	4.5	15	END	12
8	5	1972	0.0	1336	-60 54.1	144 46.4	5274.5	8.6	10		
8	5	1972	0.0	1500	-60 42.3	144 51.0	5286.6	8.3	10		
8	5	1972	0.0*1512		-60 40.6	144 51.6	5288.2	8.5	12		
8	5	1972	0.0	1600	-60 34.0	144 54.7	5295.1	8.8	12		
8	5	1972	0.0*1658		-60 25.7	144 58.5	5303.6	8.6	10		
8	5	1972	0.0	1730	-60 21.2	145 0.3	5308.1	9.0	10		
8	5	1972	0.0*1848		-60 9.7	145 4.6	5319.9	9.0	9		
8	5	1972	0.0	1930	-60 3.5	145 6.7	5326.1	9.1	9		
8	5	1972	0.0*2034		-59 53.9	145 9.9	5335.9	9.2	8		
8	5	1972	0.0	2130	-59 45.4	145 12.2	5344.5	9.1	8		
8	5	1972	0.0*2300		-59 31.8	145 16.0	5358.2	9.1	9		
8	5	1972	0.0	2330	-59 27.3	145 17.6	5362.8	8.9	9		
9	5	1972	0.0	0131	-59 9.6	145 23.6	5380.7	8.6	10		
9	5	1972	0.0*0148		-59 7.2	145 24.4	5383.1	8.5	11		
9	5	1972	0.0	0300	-58 57.2	145 28.3	5393.4	8.9	10		
9	5	1972	0.0*0334		-58 52.2	145 30.1	5398.4	8.8	9		
9	5	1972	0.0	0430	-58 44.1	145 32.8	5406.6	8.5	10		
9	5	1972	0.0*0526		-58 36.2	145 35.5	5414.6	8.5	11		
9	5	1972	0.0	0600	-58 31.5	145 37.3	5419.4	8.6	11		
9	5	1972	0.0*0702		-58 22.8	145 40.5	5428.3	8.9	12		
9	5	1972	0.0	0730	-58 18.7	145 42.2	5432.5	8.6	12		
9	5	1972	0.0	0830	-58 10.4	145 45.8	5441.0	8.7	12		
9	5	1972	0.0	0930	-58 1.9	145 49.3	5449.7	8.5	12		
9	5	1972	0.0	1030	-57 53.7	145 52.8	5458.2	8.3	12		
9	5	1972	0.0	1130	-57 45.5	145 56.3	5466.5	8.1	12		
9	5	1972	0.0*1136		-57 44.7	145 56.6	5467.3	8.4	11		
9	5	1972	0.0	1230	-57 37.3	145 59.4	5474.9	8.0	11		
9	5	1972	0.0*1248		-57 35.0	146 0.3	5477.3	8.1	10		
9	5	1972	0.0	1330	-57 29.4	146 2.1	5483.0	7.6	10		
9	5	1972	0.0	1430	-57 21.9	146 4.7	5490.5	6.8	10		
9	5	1972	0.0*1432		-57 21.7	146 4.8	5490.8	7.0	12		
9	5	1972	0.0	1530	-57 15.1	146 7.4	5497.5	6.9	12		
9	5	1972	0.0	1630	-57 8.4	146 10.1	5504.4	5.6	13		
9	5	1972	0.0	1730	-57 2.9	146 12.5	5510.0	5.7	13		
9	5	1972	0.0*1758		-57 0.3	146 13.7	5512.7	5.9	16		

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
9	5	1972	0.0	1830	-56	57.3	146 15.3	5515.9	6.5	15
9	5	1972	0.0	1930	-56	51.0	146 18.4	5522.4	6.9	14
9	5	1972	0.0	2009	-56	46.6	146 20.5	5526.9	6.6	11
9	5	1972	0.0*2048		-56	42.4	146 22.1	5531.2	6.7	9
9	5	1972	0.0	2100	-56	41.1	146 22.5	5532.5	7.0	9
9	5	1972	0.0*2206		-56	33.5	146 24.8	5540.3	7.2	11
9	5	1972	0.0	2210	-56	33.0	146 24.9	5540.7	6.8	351
9	5	1972	0.0	2214	-56	32.5	146 24.8	5541.2	7.1	11
9	5	1972	0.0	2300	-56	27.2	146 26.7	5546.6	7.3	10
9	5	1972	0.0*2352		-56	21.0	146 28.9	5552.9	7.2	12
10	5	1972	0.0	0000	-56	20.1	146 29.3	5553.9	6.8	13
10	5	1972	0.0	0100	-56	13.5	146 32.0	5560.7	7.3	12
10	5	1972	0.0	0200	-56	6.3	146 34.8	5568.0	7.6	11
10	5	1972	0.0	0300	-55	58.8	146 37.6	5575.6	7.7	11
10	5	1972	0.0	0400	-55	51.3	146 40.4	5583.4	8.4	11
10	5	1972	0.0*0424		-55	48.0	146 41.5	5586.7	8.4	9
10	5	1972	0.0	0500	-55	43.0	146 43.0	5591.8	8.5	9
10	5	1972	0.0	0600	-55	34.6	146 45.4	5600.3	8.5	9
10	5	1972	0.0*0610		-55	33.2	146 45.8	5601.7	8.5	12
10	5	1972	0.0	0700	-55	26.3	146 48.6	5608.8	8.8	12
10	5	1972	0.0	0800	-55	17.7	146 51.9	5617.6	8.9	12
10	5	1972	0.0*0830		-55	13.4	146 53.5	5622.0	9.0	12
10	5	1972	0.0	0900	-55	9.0	146 55.1	5626.5	9.3	11
10	5	1972	0.0	1000	-54	59.8	146 58.4	5635.8	9.1	11
10	5	1972	0.0*1012		-54	58.0	146 59.1	5637.7	8.5	7
10	5	1972	0.0	1030	-54	55.5	146 59.6	5640.2	4.2	307
10	5	1972	0.0	1034	-54	55.3	146 59.2	5640.5	8.5	7
10	5	1972	0.0	1130	-54	47.4	147 1.0	5648.5	9.0	6
10	5	1972	0.0	1230	-54	38.4	147 2.8	5657.5	8.7	7
10	5	1972	0.0	1304	-54	33.6	147 3.8	5662.4	3.8	287
10	5	1972	0.0	1324	-54	33.2	147 1.8	5663.7	4.7	306
10	5	1972	0.0	1430	-54	30.1	146 54.7	5668.8	5.0	306
10	5	1972	0.0*1524		-54	27.5	146 48.5	5673.3	5.6	311
10	5	1972	0.0	1530	-54	27.1	146 47.7	5673.9	5.7	311
10	5	1972	0.0	1630	-54	23.3	146 40.3	5679.6	6.2	310
10	5	1972	0.0	1730	-54	19.3	146 32.2	5685.8	6.7	309
10	5	1972	0.0	1800	-54	17.2	146 27.7	5689.2	6.9	309
10	5	1972	0.0	1830	-54	15.0	146 23.2	5692.6	6.7	309
10	5	1972	0.0*1858		-54	13.0	146 19.1	5695.7	6.7	309
10	5	1972	0.0	1900	-54	12.9	146 18.8	5695.9	7.2	308
10	5	1972	0.0	1930	-54	10.6	146 14.0	5699.6	7.0	308
10	5	1972	0.0	2000	-54	8.4	146 9.3	5703.1	7.0	308
10	5	1972	0.0	2030	-54	6.2	146 4.6	5706.6	7.2	308
10	5	1972	0.0	2100	-54	3.9	145 59.8	5710.2	7.4	308
10	5	1972	0.0*2112		-54	3.0	145 57.8	5711.7	6.8	311
10	5	1972	0.0	2130	-54	1.7	145 55.2	5713.7	7.5	310
10	5	1972	0.0	2200	-53	59.2	145 50.4	5717.5	7.5	310
10	5	1972	0.0	2230	-53	56.8	145 45.6	5721.2	7.9	309
10	5	1972	0.0	2300	-53	54.3	145 40.4	5725.1	7.9	309
10	5	1972	0.0	2330	-53	51.8	145 35.3	5729.1	7.8	309
11	5	1972	0.0	0019	-53	47.7	145 26.9	5735.5	5.2	314
11	5	1972	0.0	0030	-53	47.0	145 25.8	5736.4	1.5	58 START 13
11	5	1972	0.0*0048		-53	46.8	145 26.5	5736.9	1.1	87 13
11	5	1972	0.0*0232		-53	46.7	145 29.7	5738.8	1.0	85 13
11	5	1972	0.0	0244	-53	46.7	145 30.0	5739.0	4.9	189 END 13
11	5	1972	0.0	0255	-53	47.5	145 29.8	5739.9	7.3	192
11	5	1972	0.0	0330	-53	51.7	145 28.2	5744.1	7.5	193
11	5	1972	0.0*0346		-53	53.6	145 27.4	5746.1	7.3	192
11	5	1972	0.0	0430	-53	58.8	145 25.4	5751.5	7.2	192
11	5	1972	0.0*0518		-54	4.4	145 23.3	5757.2	7.4	196
11	5	1972	0.0	0530	-54	5.9	145 22.6	5758.7	7.7	196
11	5	1972	0.0	0630	-54	13.3	145 19.0	5766.4	7.6	196
11	5	1972	0.0	0730	-54	20.6	145 15.3	5774.0	7.4	196
11	5	1972	0.0	0831	-54	27.8	145 11.8	5781.5	8.6	325
11	5	1972	0.0*0918		-54	22.2	145 5.3	5788.3	8.5	329
11	5	1972	0.0	0930	-54	20.8	145 3.8	5790.0	8.8	329
11	5	1972	0.0*0956		-54	17.5	145 0.4	5793.7	8.6	329
11	5	1972	0.0	1100	-54	9.6	144 52.3	5803.0	9.8	135
11	5	1972	0.0	1109	-54	10.6	144 54.1	5804.4	5.7	131
11	5	1972	0.0	1119	-54	11.3	144 55.3	5805.4	1.2	78 START 14

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
11	5	1972	0.0*1142		-54	11.2	144 56.1	5805.8	1.0	87 14
11	5	1972	0.0*1300		-54	11.1	144 58.3	5807.2	0.9	97 14
11	5	1972	0.0	1409	-54	11.2	144 60.0	5808.1	4.5	306 END 14
11	5	1972	0.0	1421	-54	10.7	144 58.7	5809.0	8.5	304
11	5	1972	0.0	1531	-54	5.1	144 44.8	5819.0	8.4	174
11	5	1972	0.0*1622		-54	12.2	144 46.0	5826.1	8.2	176
11	5	1972	0.0	1704	-54	17.9	144 46.6	5831.8	10.6	91
11	5	1972	0.0*1808		-54	18.3	145 5.9	5843.1	11.1	92
11	5	1972	0.0	1900	-54	18.7	145 22.3	5852.7	11.1	92
11	5	1972	0.0	2100	-54	19.7	146 0.3	5874.9	11.1	92
11	5	1972	0.0	2300	-54	20.7	146 38.5	5897.2	11.1	92
12	5	1972	0.0	0030	-54	21.4	147 7.0	5913.8	10.3	17
12	5	1972	0.0	0100	-54	16.5	147 9.6	5918.9	10.2	12
12	5	1972	0.0	0243	-53	59.5	147 15.9	5936.3	10.1	7
12	5	1972	0.0	0253	-53	57.8	147 16.3	5938.0	10.2	12
12	5	1972	0.0	0500	-53	36.6	147 24.0	5959.7	10.2	12
12	5	1972	0.0	0600	-53	26.7	147 27.7	5969.9	9.8	9
12	5	1972	0.0	0800	-53	7.3	147 33.0	5989.5	9.8	9
12	5	1972	0.0*0826		-53	3.0	147 34.2	5993.8	9.7	11
12	5	1972	0.0	0900	-52	57.6	147 36.0	5999.3	9.7	11
12	5	1972	0.0*1008		-52	46.8	147 39.5	6010.3	9.7	8
12	5	1972	0.0	1028	-52	43.7	147 40.3	6013.5	7.8	330
12	5	1972	0.0	1031	-52	43.3	147 40.0	6013.9	9.7	8
12	5	1972	0.0*1156		-52	29.8	147 43.4	6027.6	9.6	6
12	5	1972	0.0	1230	-52	24.4	147 44.4	6033.1	9.4	6
12	5	1972	0.0	1350	-52	11.9	147 46.8	6045.6	10.1	6
12	5	1972	0.0	1500	-52	0.2	147 48.9	6057.4	10.2	6
12	5	1972	0.0*1532		-51	54.8	147 49.9	6062.8	10.4	8
12	5	1972	0.0	1600	-51	50.0	147 51.1	6067.7	10.1	10
12	5	1972	0.0	1703	-51	39.6	147 54.3	6078.2	9.6	11
12	5	1972	0.0*1734		-51	34.8	147 55.8	6083.2	10.2	10
12	5	1972	0.0	1900	-51	20.4	148 0.0	6097.8	10.6	10
12	5	1972	0.0	2000	-51	10.0	148 3.0	6108.4	7.7	272
12	5	1972	0.0*2012		-51	9.9	148 0.5	6109.9	8.0	272
12	5	1972	0.0	2023	-51	9.9	147 58.2	6111.4	5.1	273
12	5	1972	0.0*2110		-51	9.7	147 51.9	6115.3	5.2	274
12	5	1972	0.0	2130	-51	9.5	147 49.1	6117.1	5.2	274
12	5	1972	0.0*2158		-51	9.4	147 45.3	6119.5	4.9	273
12	5	1972	0.0	2234	-51	9.2	147 40.6	6122.4	6.2	173
12	5	1972	0.0*2256		-51	11.5	147 41.0	6124.7	6.3	172
12	5	1972	0.0	2330	-51	15.0	147 41.7	6128.3	6.1	172
13	5	1972	0.0	0103	-51	24.4	147 43.7	6137.8	0.8	75 START 15
13	5	1972	0.0*0202		-51	24.2	147 44.9	6138.6	0.7	115 15
13	5	1972	0.0*0354		-51	24.8	147 46.7	6139.9	0.6	87 15
13	5	1972	0.0	0419	-51	24.8	147 47.1	6140.1	8.4	44 END 15
13	5	1972	0.0	0423	-51	24.4	147 47.8	6140.7	6.3	45
13	5	1972	0.0	0631	-51	15.0	148 3.2	6154.1	5.6	6
13	5	1972	0.0	0647	-51	13.5	148 3.5	6155.6	6.8	46
13	5	1972	0.0	0649	-51	13.4	148 3.7	6155.9	6.4	5
13	5	1972	0.0	0654	-51	12.8	148 3.8	6156.4	5.8	270
13	5	1972	0.0	0659	-51	12.8	148 3.1	6156.9	4.6	177
13	5	1972	0.0	0710	-51	13.7	148 3.1	6157.7	4.6	175
13	5	1972	0.0	0732	-51	15.3	148 3.3	6159.4	5.2	186
13	5	1972	0.0	0738	-51	15.9	148 3.2	6159.9	6.1	198
13	5	1972	0.0	0742	-51	16.2	148 3.0	6160.3	4.8	207
13	5	1972	0.0	0747	-51	16.6	148 2.7	6160.7	3.4	221
13	5	1972	0.0	0752	-51	16.8	148 2.4	6161.0	2.0	242
13	5	1972	0.0	0802	-51	17.0	148 2.0	6161.3	0.6	87
13	5	1972	0.0*0822		-51	16.9	148 2.3	6161.5	0.5	127
13	5	1972	0.0	0832	-51	17.0	148 2.4	6161.6	7.5	5
13	5	1972	0.0	0845	-51	15.4	148 2.7	6163.3	10.1	4
13	5	1972	0.0*1004		-51	2.1	148 4.3	6176.6	9.8	5
13	5	1972	0.0	1030	-50	57.9	148 5.0	6180.8	9.7	5
13	5	1972	0.0*1100		-50	53.0	148 5.8	6185.7	9.6	4
13	5	1972	0.0	1230	-50	38.7	148 7.7	6200.0	9.5	4
13	5	1972	0.0*1254		-50	35.0	148 8.2	6203.8	9.7	2
13	5	1972	0.0	1400	-50	24.3	148 9.1	6214.5	10.0	2
13	5	1972	0.0	1430	-50	19.3	148 9.4	6219.5	10.6	2
13	5	1972	0.0*1438		-50	17.9	148 9.5	6220.9	10.2	0
13	5	1972	0.0*1626		-49	59.6	148 9.6	6239.2	10.7	0

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.		
13	5	1972	0.0	1630	-49 58.9	148 9.6	6239.9	10.4	1			
13	5	1972	0.0	1803	-49 42.7	148 10.0	6256.1	10.0	0			
13	5	1972	0.0*1818		-49 40.2	148 10.1	6258.6	10.3	2			
13	5	1972	0.0	2000	-49 22.7	148 11.1	6276.1	10.3	2			
13	5	1972	0.0*2016		-49 20.0	148 11.3	6278.9	10.3	4			
13	5	1972	0.0*2110		-49 10.7	148 12.4	6288.1	10.2	6			
13	5	1972	0.0	2200	-49 2.3	148 13.9	6296.6	10.2	6			
13	5	1972	0.0*2202		-49 1.9	148 14.0	6297.0	10.2	7			
14	5	1972	0.0	0003	-48 41.7	148 18.3	6317.4	9.1	245			
14	5	1972	0.0*0048		-48 44.5	148 8.9	6324.2	8.8	251			
14	5	1972	0.0	0130	-48 46.5	148 0.1	6330.4	8.8	251			
14	5	1972	0.0	0300	-48 50.8	147 41.2	6343.5	8.5	251			
14	5	1972	0.0*0304		-48 51.0	147 40.4	6344.1	8.7	250			
14	5	1972	0.0	0347	-48 53.0	147 31.4	6350.4	5.5	251			
14	5	1972	0.0	0357	-48 53.3	147 30.1	6351.3	0.9	62	START	16	
14	5	1972	0.0*0436		-48 53.0	147 30.8	6351.9	0.1	49		16	
14	5	1972	0.0	0630	-48 52.9	147 31.1	6352.1	5.2	250	END	16	
14	5	1972	0.0	0648	-48 53.4	147 28.8	6353.6	10.1	250			
14	5	1972	0.0	0830	-48 59.2	147 4.3	6370.7	9.5	250			
14	5	1972	0.0	0930	-49 2.4	146 50.6	6380.3	9.5	250			
14	5	1972	0.0	1031	-49 5.7	146 36.8	6389.9	11.0	89			
14	5	1972	0.0	1109	-49 5.7	146 47.4	6396.9	5.9	89			
14	5	1972	0.0	1132	-49 5.6	146 50.8	6399.1	10.9	89			
14	5	1972	0.0	1348	-49 5.5	147 28.7	6423.9	11.1	89			
14	5	1972	0.0	1452	-49 5.4	147 46.8	6435.8	10.4	89			
14	5	1972	0.0*1534		-49 5.4	147 57.9	6443.1	10.7	87			
14	5	1972	0.0	1628	-49 5.0	148 12.7	6452.7	9.1	87			
14	5	1972	0.0	1701	-49 4.8	148 20.3	6457.7	5.6	318			
14	5	1972	0.0	1830	-48 58.6	148 11.8	6466.0	3.6	6			
14	5	1972	0.0	1836	-48 58.2	148 11.9	6466.4	4.8	202			
14	5	1972	0.0	1842	-48 58.7	148 11.6	6466.9	6.6	214			
14	5	1972	0.0	1850	-48 59.4	148 10.9	6467.7	4.9	225			
14	5	1972	0.0	1857	-48 59.8	148 10.2	6468.3	2.0	281			
14	5	1972	0.0	1905	-48 59.8	148 9.8	6468.6	0.6	44	START	17	
14	5	1972	0.0*2106		-48 58.9	148 11.1	6469.8	0.8	116		17	
14	5	1972	0.0*2214		-48 59.3	148 12.3	6470.6	1.1	98		17	
14	5	1972	0.0	2229	-48 59.3	148 12.7	6470.9	4.9	304	END	17	
14	5	1972	0.0	2243	-48 58.7	148 11.3	6472.0	8.6	302			
14	5	1972	0.0*2252		-48 58.0	148 9.6	6473.3	8.7	302			
14	5	1972	0.0	2330	-48 55.0	148 2.5	6478.8	8.1	302			
14	5	1972	0.0*2356		-48 53.2	147 58.0	6482.4	8.5	301			
15	5	1972	0.0	0030	-48 50.6	147 51.8	6487.2	8.7	301			
15	5	1972	0.0*0052		-48 48.9	147 47.6	6490.4	8.8	300			
15	5	1972	0.0	0133	-48 45.9	147 39.8	6496.4	5.6	301			
15	5	1972	0.0*0214		-48 43.9	147 34.9	6500.2	5.5	297			
15	5	1972	0.0	0233	-48 43.1	147 32.5	6501.9	8.3	298			
15	5	1972	0.0	0330	-48 39.4	147 22.1	6509.8	8.1	298			
15	5	1972	0.0	0430	-48 35.5	147 11.3	6517.9	7.8	298			
15	5	1972	0.0	0530	-48 31.8	147 0.9	6525.7	7.7	298			
15	5	1972	0.0*0534		-48 31.6	147 0.2	6526.2	7.7	298			
15	5	1972	0.0	0630	-48 28.2	146 50.6	6533.4	8.1	298			
15	5	1972	0.0	0730	-48 24.4	146 39.8	6541.5	8.0	298			
15	5	1972	0.0	0830	-48 20.6	146 29.2	6549.5	8.2	298			
15	5	1972	0.0	0930	-48 16.7	146 18.3	6557.7	8.1	298			
15	5	1972	0.0	1030	-48 12.9	146 7.6	6565.8	7.8	298			
15	5	1972	0.0*1056		-48 11.3	146 3.1	6569.2	8.2	297			
15	5	1972	0.0	1130	-48 9.2	145 57.0	6573.8	8.2	297			
15	5	1972	0.0	1230	-48 5.4	145 46.1	6582.0	8.2	297			
15	5	1972	0.0	1332	-48 1.5	145 34.8	6590.5	10.3	87			
15	5	1972	0.0*1444		-48 0.9	145 53.3	6602.9	10.2	86			
15	5	1972	0.0	1451	-48 0.8	145 55.0	6604.1	6.2	86			
15	5	1972	0.0	1528	-48 0.6	146 0.7	6607.9	9.9	86			
15	5	1972	0.0	1545	-48 0.4	146 4.9	6610.7	9.8	263			
15	5	1972	0.0	1631	-48 1.2	145 53.7	6618.3	10.1	86			
15	5	1972	0.0*1640		-48 1.1	145 56.0	6619.8	9.1	85			
15	5	1972	0.0*1826		-47 59.7	146 20.0	6636.0	9.1	86			
15	5	1972	0.0	1830	-47 59.7	146 21.0	6636.6	9.1	86			
15	5	1972	0.0	2030	-47 58.6	146 48.2	6654.9	9.2	86			
15	5	1972	0.0*2120		-47 58.1	146 59.7	6662.6	9.8	88			
15	5	1972	0.0*2200		-47 57.9	147 9.5	6669.1	9.7	90			

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
15	5	1972	0.0	2230	-47 57.9	147 16.7	6674.0	9.9	90	
16	5	1972	0.0	0039	-47 58.1	147 48.5	6695.2	5.6	94	
16	5	1972	0.0	0200	-47 58.7	147 59.8	6702.8	5.4	95	
16	5	1972	0.0*0314		-47 59.3	148 9.6	6709.4	5.4	92	
16	5	1972	0.0	0352	-47 59.5	148 14.7	6712.8	9.3	89	
16	5	1972	0.0*0448		-47 59.4	148 27.6	6721.5	9.3	87	
16	5	1972	0.0	0530	-47 59.1	148 37.3	6728.0	9.4	87	
16	5	1972	0.0	0730	-47 58.2	149 5.4	6746.8	9.5	87	
16	5	1972	0.0*0926		-47 57.3	149 32.8	6765.2	10.2	82	
16	5	1972	0.0	0930	-47 57.2	149 33.8	6765.9	10.1	82	
16	5	1972	0.0	1122	-47 54.7	150 1.6	6784.7	10.2	232	
16	5	1972	0.0*1232		-48 2.0	149 47.5	6796.6	10.1	227	
16	5	1972	0.0	1300	-48 5.2	149 42.3	6801.3	10.1	227	
16	5	1972	0.0	1431	-48 15.6	149 25.4	6816.6	8.3	301	
16	5	1972	0.0	1530	-48 11.3	149 15.0	6824.8	8.1	301	
16	5	1972	0.0	1630	-48 7.1	149 4.6	6832.9	8.2	301	
16	5	1972	0.0	1730	-48 2.8	148 54.1	6841.1	8.4	301	
16	5	1972	0.0*1738		-48 2.2	148 52.7	6842.3	8.4	298	
16	5	1972	0.0	1819	-47 59.5	148 45.1	6848.0	5.4	297	
16	5	1972	0.0*1928		-47 56.6	148 36.9	6854.2	5.6	298	
16	5	1972	0.0	1930	-47 56.5	148 36.6	6854.4	5.8	298	
16	5	1972	0.0	2030	-47 53.8	148 29.1	6860.2	6.0	298	
16	5	1972	0.0	2130	-47 50.9	148 21.2	6866.2	5.9	298	
16	5	1972	0.0	2227	-47 48.2	148 13.9	6871.7	8.9	299	
16	5	1972	0.0*2250		-47 46.6	148 9.5	6875.2	8.3	300	
16	5	1972	0.0	2330	-47 43.8	148 2.3	6880.7	7.8	300	
17	5	1972	0.0*0006		-47 41.4	147 56.3	6885.4	8.0	300	
17	5	1972	0.0	0030	-47 39.8	147 52.2	6888.6	7.9	300	
17	5	1972	0.0	0130	-47 35.8	147 42.1	6896.5	7.1	300	
17	5	1972	0.0	0230	-47 32.2	147 33.0	6903.6	6.6	300	
17	5	1972	0.0	0330	-47 28.8	147 24.6	6910.2	7.1	300	
17	5	1972	0.0	0430	-47 25.1	147 15.6	6917.4	7.4	300	
17	5	1972	0.0	0503	-47 23.1	147 10.4	6921.4	5.4	300	
17	5	1972	0.0*0542		-47 21.3	147 5.9	6924.9	5.4	300	
17	5	1972	0.0	0544	-47 21.2	147 5.7	6925.1	7.6	300	
17	5	1972	0.0	0630	-47 18.2	146 58.2	6931.0	7.4	300	
17	5	1972	0.0	0730	-47 14.5	146 48.8	6938.4	7.3	300	
17	5	1972	0.0	0830	-47 10.7	146 39.5	6945.8	7.2	300	
17	5	1972	0.0*0840		-47 10.1	146 37.9	6947.0	7.5	296	
17	5	1972	0.0*0906		-47 8.7	146 33.7	6950.2	7.6	295	
17	5	1972	0.0	0930	-47 7.4	146 29.6	6953.3	7.4	295	
17	5	1972	0.0*1022		-47 4.6	146 21.1	6959.7	6.9	296	
17	5	1972	0.0	1030	-47 4.2	146 19.8	6960.6	6.0	296	
17	5	1972	0.0	1130	-47 1.6	146 12.0	6966.6	5.4	295	
17	5	1972	0.0	1230	-46 59.3	146 4.8	6972.0	4.4	294	
17	5	1972	0.0	1316	-46 57.9	146 0.3	6975.4	6.8	24	
17	5	1972	0.0*1332		-46 56.2	146 1.4	6977.2	6.9	26	
17	5	1972	0.0	1400	-46 53.4	146 3.5	6980.4	7.2	26	
17	5	1972	0.0	1500	-46 46.9	146 8.2	6987.6	7.7	25	
17	5	1972	0.0*1518		-46 44.8	146 9.7	6989.9	7.9	23	
17	5	1972	0.0	1600	-46 39.8	146 12.8	6995.4	8.7	22	
17	5	1972	0.0	1700	-46 31.7	146 17.7	7004.1	9.0	22	
17	5	1972	0.0	1800	-46 23.4	146 22.8	7013.2	8.7	22	
17	5	1972	0.0*1836		-46 18.6	146 25.7	7018.4	8.9	22	
17	5	1972	0.0	1900	-46 15.3	146 27.6	7021.9	8.9	22	
17	5	1972	0.0	2000	-46 7.1	146 32.4	7030.8	8.7	22	
17	5	1972	0.0*2008		-46 6.0	146 33.0	7032.0	8.3	23	
17	5	1972	0.0	2100	-45 59.4	146 37.2	7039.1	8.9	23	
17	5	1972	0.0	2157	-45 51.7	146 42.0	7047.6	6.8	302	
17	5	1972	0.0	2201	-45 51.4	146 41.4	7048.0	9.2	22	
17	5	1972	0.0	2300	-45 43.1	146 46.4	7057.1	9.4	22	
17	5	1972	0.0*2316		-45 40.8	146 47.8	7059.6	8.9	20	
18	5	1972	0.0	0000	-45 34.6	146 51.0	7066.1	9.2	19	
18	5	1972	0.0	0100	-45 26.0	146 55.5	7075.3	8.9	20	
18	5	1972	0.0*0136		-45 21.0	146 58.1	7080.6	8.8	17	
18	5	1972	0.0	0200	-45 17.6	146 59.6	7084.2	9.0	17	
18	5	1972	0.0	0300	-45 9.0	147 3.5	7093.2	9.0	17	
18	5	1972	0.0*0452		-44 53.0	147 10.8	7110.0	9.2	17	
18	5	1972	0.0	0500	-44 51.8	147 11.3	7111.2	8.9	17	
18	5	1972	0.0	0703	-44 34.5	147 19.1	7129.5	9.1	65	

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
18	5	1972	0.0	0800	-44 30.8	147 30.1	7138.1	9.5	64	
18	5	1972	0.0	*0934	-44 24.5	147 49.0	7153.0	10.1	61	
18	5	1972	0.0	1000	-44 22.4	147 54.4	7157.4	10.0	61	
18	5	1972	0.0	1201	-44 12.9	148 19.2	7177.6	9.8	0	
18	5	1972	0.0	1213	-44 10.9	148 19.3	7179.5	8.9	329	
18	5	1972	0.0	1300	-44 4.9	148 14.3	7186.5	8.8	329	
18	5	1972	0.0	*1356	-43 57.8	148 8.5	7194.7	8.4	330	
18	5	1972	0.0	1500	-43 50.0	148 2.4	7203.7	8.4	330	
18	5	1972	0.0	*1540	-43 45.2	147 58.6	7209.2	8.7	334	
18	5	1972	0.0	1600	-43 42.6	147 56.8	7212.1	8.2	334	
18	5	1972	0.0	1651	-43 36.3	147 52.6	7219.1	7.4	334	
18	5	1972	0.0	1700	-43 35.3	147 52.0	7220.2	7.0	332	
18	5	1972	0.0	1730	-43 32.2	147 49.7	7223.8	8.1	332	
18	5	1972	0.0	*1748	-43 30.0	147 48.2	7226.2	8.4	330	
18	5	1972	0.0	1821	-43 26.0	147 45.0	7230.8	7.9	324	
18	5	1972	0.0	1848	-43 23.1	147 42.2	7234.3	2.4	272	
18	5	1972	0.0	1855	-43 23.1	147 41.8	7234.6	10.5	323	
18	5	1972	0.0	2000	-43 13.9	147 32.6	7246.0	10.8	323	
18	5	1972	0.0	2115	-43 3.0	147 21.6	7259.5	10.5	331	
18	5	1972	0.0	2121	-43 2.1	147 21.6	7260.6	10.5	336	
18	5	1972	0.0	2124	-43 1.6	147 20.7	7261.1	10.6	342	
18	5	1972	0.0	2133	-43 0.1	147 20.0	7262.7	10.6	346	
18	5	1972	0.0	2139	-42 59.1	147 19.7	7263.7	10.6	351	
18	5	1972	0.0	2142	-42 58.5	147 19.6	7264.3	10.2	356	
18	5	1972	0.0	2147	-42 57.7	147 19.5	7265.1	10.9	1	
18	5	1972	0.0	2157	-42 55.9	147 19.6	7266.9	3.3	6	
18	5	1972	0.0	2215	-42 54.9	147 19.7	7267.9	3.1	11	
18	5	1972	0.0	2251	-42 53.0	147 20.2	7269.8	6.9	187	
18	5	1972	0.0	2300	-42 54.1	147 20.1	7270.8	9.5	177	
18	5	1972	0.0	2312	-42 56.0	147 20.2	7272.7	11.2	173	
18	5	1972	0.0	2325	-42 58.4	147 20.6	7275.2	11.4	168	
18	5	1972	0.0	2330	-42 59.3	147 20.8	7276.1	10.6	163	
18	5	1972	0.0	2336	-43 0.3	147 21.3	7277.2	10.3	157	
19	5	1972	0.0	0100	-43 13.7	147 28.7	7291.7	9.5	177	
19	5	1972	0.0	0200	-43 23.2	147 29.2	7301.1	8.3	177	
19	5	1972	0.0	*0234	-43 27.9	147 29.5	7305.8	7.8	172	
19	5	1972	0.0	0251	-43 30.0	147 29.9	7308.0	5.2	169	
19	5	1972	0.0	0311	-43 31.7	147 30.3	7309.7	8.1	173	
19	5	1972	0.0	0330	-43 34.3	147 30.7	7312.3	7.7	180	
19	5	1972	0.0	*0402	-43 38.4	147 30.7	7316.4	8.0	180	
19	5	1972	0.0	0500	-43 46.1	147 30.6	7324.1	8.2	180	
19	5	1972	0.0	0630	-43 58.5	147 30.4	7336.5	6.6	223	
19	5	1972	0.0	0730	-44 3.2	147 24.0	7343.1	6.9	223	
19	5	1972	0.0	0830	-44 8.2	147 17.4	7350.0	6.9	223	
19	5	1972	0.0	*0900	-44 10.7	147 14.0	7353.4	7.1	223	
19	5	1972	0.0	0930	-44 13.3	147 10.6	7357.0	7.0	223	
19	5	1972	0.0	1030	-44 18.4	147 4.0	7364.0	6.6	222	
19	5	1972	0.0	*1048	-44 19.8	147 2.1	7365.9	6.7	222	
19	5	1972	0.0	1130	-44 23.3	146 57.7	7370.6	6.5	221	
19	5	1972	0.0	1242	-44 29.1	146 50.4	7378.4	6.0	202	
19	5	1972	0.0	1244	-44 29.3	146 50.3	7378.6	6.7	222	
19	5	1972	0.0	*1304	-44 31.0	146 48.2	7380.9	7.0	221	
19	5	1972	0.0	1330	-44 33.2	146 45.4	7383.9	7.0	221	
19	5	1972	0.0	1430	-44 38.5	146 38.9	7390.9	6.8	221	
19	5	1972	0.0	*1444	-44 39.7	146 37.5	7392.5	6.2	221	
19	5	1972	0.0	1530	-44 43.2	146 33.1	7397.2	6.4	221	
19	5	1972	0.0	1630	-44 48.0	146 27.1	7403.6	6.3	221	
19	5	1972	0.0	*1638	-44 48.6	146 26.3	7404.4	6.5	225	
19	5	1972	0.0	1700	-44 50.2	146 23.9	7406.8	6.2	225	
19	5	1972	0.0	1730	-44 52.4	146 20.7	7409.9	7.1	225	
19	5	1972	0.0	1800	-44 54.9	146 17.2	7413.4	6.5	225	
19	5	1972	0.0	1830	-44 57.1	146 13.9	7416.7	5.8	225	
19	5	1972	0.0	1900	-44 59.2	146 11.0	7419.6	6.5	225	
19	5	1972	0.0	1930	-45 1.4	146 7.7	7422.8	6.0	225	
19	5	1972	0.0	2000	-45 3.6	146 4.7	7425.8	5.8	225	
19	5	1972	0.0	*2006	-45 4.0	146 4.1	7426.4	6.1	225	
19	5	1972	0.0	2030	-45 5.7	146 1.6	7428.8	5.9	225	
19	5	1972	0.0	2100	-45 7.8	145 58.7	7431.7	6.5	225	
19	5	1972	0.0	2130	-45 10.0	145 55.4	7435.0	5.9	224	
19	5	1972	0.0	*2140	-45 10.7	145 54.5	7436.0	6.1	224	

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
19	5	1972	0.0	2200	-45 12.2	145 52.4	7438.0	6.1	224	
19	5	1972	0.0	2230	-45 14.4	145 49.4	7441.1	5.9	224	
19	5	1972	0.0	2300	-45 16.5	145 46.5	7444.0	5.7	223	
19	5	1972	0.0	2330	-45 18.6	145 43.7	7446.9	5.7	223	
20	5	1972	0.0	0000	-45 20.6	145 40.9	7449.7	5.9	224	
20	5	1972	0.0	0030	-45 22.8	145 37.9	7452.7	6.1	224	
20	5	1972	0.0	0100	-45 25.0	145 34.9	7455.8	6.8	224	
20	5	1972	0.0	0130	-45 27.4	145 31.5	7459.2	7.2	224	
20	5	1972	0.0	*0146	-45 28.8	145 29.6	7461.1	7.4	223	
20	5	1972	0.0	0200	-45 30.0	145 27.9	7462.8	8.1	218	
20	5	1972	0.0	0230	-45 33.2	145 24.3	7466.8	8.3	218	
20	5	1972	0.0	0300	-45 36.4	145 20.6	7471.0	8.7	218	
20	5	1972	0.0	0330	-45 39.9	145 16.7	7475.4	8.5	218	
20	5	1972	0.0	0400	-45 43.2	145 12.9	7479.6	8.7	218	
20	5	1972	0.0	0430	-45 46.6	145 9.0	7484.0	8.9	218	
20	5	1972	0.0	0530	-45 53.6	145 1.0	7492.9	9.1	218	
20	5	1972	0.0	0633	-46 1.0	144 52.4	7502.5	9.4	307	
20	5	1972	0.0	0730	-45 55.6	144 42.1	7511.5	9.6	307	
20	5	1972	0.0	0830	-45 49.7	144 31.3	7521.0	9.3	307	
20	5	1972	0.0	0916	-45 45.4	144 23.2	7528.2	11.0	52	
20	5	1972	0.0	1030	-45 37.2	144 38.5	7541.7	11.0	52	
20	5	1972	0.0	*1130	-45 30.5	144 51.0	7552.7	10.8	52	
20	5	1972	0.0	1202	-45 26.9	144 57.4	7558.4	7.8	272	
20	5	1972	0.0	1300	-45 26.6	144 46.7	7566.0	8.0	272	
20	5	1972	0.0	*1358	-45 26.3	144 35.7	7573.7	8.3	272	
20	5	1972	0.0	1400	-45 26.3	144 35.3	7574.0	8.1	272	
20	5	1972	0.0	1500	-45 26.0	144 23.8	7582.1	7.8	271	
20	5	1972	0.0	1601	-45 25.7	144 12.5	7590.0	10.3	62	
20	5	1972	0.0	*1758	-45 16.3	144 37.7	7610.1	10.3	59	
20	5	1972	0.0	1800	-45 16.2	144 38.2	7610.4	10.0	59	
20	5	1972	0.0	2000	-45 5.9	145 2.7	7630.5	6.6	273	
20	5	1972	0.0	2030	-45 5.7	144 58.0	7633.8	6.6	273	
20	5	1972	0.0	2100	-45 5.5	144 53.3	7637.1	6.8	273	
20	5	1972	0.0	2130	-45 5.3	144 48.5	7640.5	6.4	273	
20	5	1972	0.0	2200	-45 5.1	144 44.0	7643.7	6.4	273	
20	5	1972	0.0	2230	-45 4.9	144 39.4	7646.9	6.0	273	
20	5	1972	0.0	2300	-45 4.7	144 35.2	7649.9	6.6	273	
20	5	1972	0.0	2330	-45 4.5	144 30.5	7653.2	5.3	273	
21	5	1972	0.0	0000	-45 4.4	144 26.8	7655.9	5.2	90	
21	5	1972	0.0	0014	-45 4.4	144 28.5	7657.1	0.3	262	START 18
21	5	1972	0.0	*0058	-45 4.4	144 28.2	7657.3	0.4	180	18
21	5	1972	0.0	*0244	-45 5.2	144 28.2	7658.0	0.3	219	18
21	5	1972	0.0	0407	-45 5.5	144 27.8	7658.5	5.1	271	END 18
21	5	1972	0.0	0420	-45 5.5	144 26.2	7659.6	6.4	272	
21	5	1972	0.0	*0440	-45 5.4	144 23.2	7661.8	6.3	272	
21	5	1972	0.0	0500	-45 5.3	144 20.2	7663.9	6.4	272	
21	5	1972	0.0	0530	-45 5.2	144 15.7	7667.1	5.6	271	
21	5	1972	0.0	0600	-45 5.1	144 11.8	7669.8	5.6	271	
21	5	1972	0.0	0633	-45 5.0	144 7.4	7672.9	10.2	61	
21	5	1972	0.0	0730	-45 0.4	144 19.3	7682.6	10.1	61	
21	5	1972	0.0	*0858	-44 53.3	144 37.7	7697.4	9.9	61	
21	5	1972	0.0	0900	-44 53.1	144 38.1	7697.7	9.5	61	
21	5	1972	0.0	*1042	-44 45.4	144 58.1	7713.9	9.7	61	
21	5	1972	0.0	1048	-44 45.0	144 59.3	7714.9	9.1	3	
21	5	1972	0.0	1052	-44 44.4	144 59.4	7715.5	9.8	61	
21	5	1972	0.0	1200	-44 39.0	145 13.2	7726.6	9.7	61	
21	5	1972	0.0	1234	-44 36.4	145 20.0	7732.2	5.4	297	
21	5	1972	0.0	1300	-44 35.3	145 17.1	7734.5	5.7	297	
21	5	1972	0.0	1330	-44 34.0	145 13.5	7737.3	5.3	297	
21	5	1972	0.0	*1352	-44 33.1	145 11.1	7739.3	5.1	301	
21	5	1972	0.0	1400	-44 32.7	145 10.3	7739.9	5.1	301	
21	5	1972	0.0	1430	-44 31.4	145 7.3	7742.5	5.3	301	
21	5	1972	0.0	1500	-44 30.0	145 4.1	7745.2	5.8	301	
21	5	1972	0.0	1530	-44 28.5	145 0.6	7748.0	5.3	301	
21	5	1972	0.0	1600	-44 27.1	144 57.5	7750.7	5.5	301	
21	5	1972	0.0	1630	-44 25.6	144 54.2	7753.5	4.7	301	
21	5	1972	0.0	1700	-44 24.4	144 51.4	7755.8	4.3	301	
21	5	1972	0.0	1730	-44 23.3	144 48.8	7758.0	4.9	301	
21	5	1972	0.0	1800	-44 22.0	144 45.9	7760.4	4.1	301	
21	5	1972	0.0	1830	-44 20.9	144 43.5	7762.4	4.5	301	

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.	
21	5	1972	0.0	1900	-44 19.7	144 40.8	7764.7	4.3	301		
21	5	1972	0.0	1930	-44 18.5	144 38.3	7766.8	4.9	301		
21	5	1972	0.0	2000	-44 17.3	144 35.8	7769.3	4.7	301		
21	5	1972	0.0*	2006	-44 17.1	144 34.8	7769.7	4.3	312		
21	5	1972	0.0	2030	-44 15.9	144 33.0	7771.4	4.9	311		
21	5	1972	0.0	2100	-44 14.8	144 30.5	7773.9	5.5	310		
21	5	1972	0.0	2130	-44 13.5	144 27.5	7776.6	5.1	311		
21	5	1972	0.0*	2150	-44 11.4	144 25.8	7778.3	5.8	302		
21	5	1972	0.0	2200	-44 10.9	144 24.6	7779.3	6.6	302		
21	5	1972	0.0	2233	-44 9.0	144 20.4	7782.9	9.9	74		
21	5	1972	0.0	2330	-44 6.5	144 33.0	7792.4	10.1	74		
21	5	1972	0.0*	2338	-44 6.2	144 34.8	7793.7	10.7	73		
22	5	1972	0.0	0103	-44 1.8	144 55.1	7808.9	8.0	319		
22	5	1972	0.0	0130	-43 59.1	144 51.8	7812.5	7.8	319		
22	5	1972	0.0	0200	-43 56.1	144 48.3	7816.4	7.4	320		
22	5	1972	0.0	0230	-43 53.3	144 45.0	7820.1	8.3	319		
22	5	1972	0.0	0300	-43 50.1	144 41.3	7824.2	8.1	319		
22	5	1972	0.0*	0324	-43 47.7	144 38.4	7827.4	7.9	316		
22	5	1972	0.0	0330	-43 47.1	144 37.6	7828.2	8.1	316		
22	5	1972	0.0	0400	-43 44.1	144 33.7	7832.3	8.4	316		
22	5	1972	0.0	0500	-43 38.0	144 25.8	7840.7	8.1	316		
22	5	1972	0.0	0600	-43 32.1	144 18.1	7848.8	8.4	316		
22	5	1972	0.0	0700	-43 26.0	144 10.2	7857.2	8.8	316		
22	5	1972	0.0	0730	-43 22.8	144 6.0	7861.6	8.5	316		
22	5	1972	0.0	0830	-43 16.7	143 58.1	7870.0	10.9	31		
22	5	1972	0.0*	0950	-43 4.2	144 8.3	7884.6	10.0	32		
22	5	1972	0.0	1003	-43 2.3	144 10.0	7886.8	5.5	343		
22	5	1972	0.0	1005	-43 2.2	144 9.9	7887.0	10.2	32		
22	5	1972	0.0*	1134	-42 49.5	144 21.1	7902.1	10.2	31		
22	5	1972	0.0	1200	-42 45.7	144 24.2	7906.5	10.0	31		
22	5	1972	0.0*	1220	-42 42.9	144 26.6	7909.8	10.6	33		
22	5	1972	0.0	1332	-42 32.3	144 36.1	7922.5	5.1	37		
22	5	1972	0.0	1344	-42 31.5	144 37.0	7923.5	0.7	139	START	19
22	5	1972	0.0*	1450	-42 32.1	144 37.6	7924.3	1.3	92		19
22	5	1972	0.0	1535	-42 32.1	144 39.0	7925.3	3.5	289	END	19
22	5	1972	0.0	1547	-42 31.9	144 38.1	7926.0	6.4	287		
22	5	1972	0.0*	1548	-42 31.9	144 38.0	7926.1	6.8	287		
22	5	1972	0.0	1630	-42 30.4	144 31.8	7930.8	6.7	287		
22	5	1972	0.0	1730	-42 28.4	144 23.1	7937.6	6.6	287		
22	5	1972	0.0*	1806	-42 27.2	144 18.0	7941.5	6.9	289		
22	5	1972	0.0	1830	-42 26.3	144 14.5	7944.3	6.7	289		
22	5	1972	0.0	1930	-42 24.1	144 6.0	7950.9	6.5	289		
22	5	1972	0.0	2000	-42 23.0	144 1.8	7954.2	6.5	289		
22	5	1972	0.0	2030	-42 21.9	143 57.6	7957.5	7.2	289		
22	5	1972	0.0*	2056	-42 20.9	143 53.6	7960.6	7.0	290		
22	5	1972	0.0	2100	-42 20.7	143 53.0	7961.1	6.7	290		
22	5	1972	0.0	2130	-42 19.5	143 48.8	7964.4	7.1	290		
22	5	1972	0.0	2200	-42 18.3	143 44.3	7968.0	7.1	290		
22	5	1972	0.0	2230	-42 17.1	143 39.7	7971.6	6.7	290		
22	5	1972	0.0*	2242	-42 16.6	143 38.0	7972.9	7.3	284		
22	5	1972	0.0	2300	-42 16.0	143 35.2	7975.1	7.9	284		
22	5	1972	0.0	2330	-42 15.1	143 30.0	7979.0	7.6	284		
23	5	1972	0.0	0001	-42 14.1	143 24.9	7983.0	10.8	32		
23	5	1972	0.0*	0036	-42 8.7	143 29.4	7989.3	10.0	31		
23	5	1972	0.0	0200	-41 56.8	143 39.3	8003.2	10.6	31		
23	5	1972	0.0	0400	-41 38.8	143 54.1	8024.4	10.8	31		
23	5	1972	0.0	0551	-41 21.8	144 8.1	8044.4	8.6	32		
23	5	1972	0.0	0608	-41 19.7	144 9.8	8046.8	9.6	31		
23	5	1972	0.0	0616	-41 18.6	144 10.7	8048.1	8.7	208		
23	5	1972	0.0	0640	-41 21.7	144 8.5	8051.6	7.9	207		
23	5	1972	0.0	0704	-41 24.5	144 6.6	8054.8	9.0	199		
23	5	1972	0.0	0711	-41 25.5	144 6.1	8055.8	0.8	188	START	20
23	5	1972	0.0	0832	-41 26.6	144 5.9	8056.9	6.2	282	END	20
23	5	1972	0.0	0844	-41 26.3	144 4.3	8058.2	9.1	285		
23	5	1972	0.0*	0856	-41 25.8	144 1.9	8060.0	8.4	290		
23	5	1972	0.0	0928	-41 24.3	143 56.3	8064.5	5.5	290		
23	5	1972	0.0	0932	-41 24.1	143 55.8	8064.9	8.8	290		
23	5	1972	0.0	1030	-41 21.2	143 45.1	8073.4	8.9	290		
23	5	1972	0.0*	1040	-41 20.7	143 43.3	8074.9	8.8	291		
23	5	1972	0.0	1130	-41 18.0	143 34.3	8082.2	9.1	291		

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.	
23	5	1972	0.0*	1218	-41 15.3	143 25.3	8089.4	8.8	292		
23	5	1972	0.0	1230	-41 14.7	143 23.1	8091.2	8.9	292		
23	5	1972	0.0	1330	-41 11.3	143 12.1	8100.1	9.0	292		
23	5	1972	0.0*	1404	-41 9.3	143 5.9	8105.2	8.9	291		
23	5	1972	0.0	1430	-41 7.9	143 1.1	8109.1	8.7	291		
23	5	1972	0.0	1530	-41 4.8	142 50.3	8117.8	8.9	291		
23	5	1972	0.0*	1550	-41 3.7	142 46.7	8120.8	8.9	290		
23	5	1972	0.0	1630	-41 1.6	142 39.3	8126.7	9.1	290		
23	5	1972	0.0*	1718	-40 59.1	142 30.2	8134.0	9.4	291		
23	5	1972	0.0	1730	-40 58.4	142 27.9	8135.9	9.3	291		
23	5	1972	0.0	1830	-40 55.0	142 16.5	8145.2	9.4	291		
23	5	1972	0.0*	1906	-40 52.9	142 9.5	8150.8	9.4	291		
23	5	1972	0.0	1930	-40 51.5	142 4.9	8154.6	9.5	291		
23	5	1972	0.0*	2002	-40 49.6	141 58.7	8159.6	9.7	291		
23	5	1972	0.0	2130	-40 44.4	141 41.3	8173.8	9.9	291		
23	5	1972	0.0*	2146	-40 43.4	141 38.0	8176.5	10.0	291		
23	5	1972	0.0	2330	-40 37.0	141 16.8	8193.8	10.1	291		
24	5	1972	0.0	0030	-40 33.3	141 4.4	8203.9	8.9	291		
24	5	1972	0.0*	0208	-40 27.8	140 46.7	8218.4	8.9	292		
24	5	1972	0.0	0230	-40 26.6	140 42.7	8221.7	9.0	292		
24	5	1972	0.0*	0352	-40 21.9	140 27.7	8234.1	9.1	291		
24	5	1972	0.0	0430	-40 19.8	140 20.7	8239.8	9.3	291		
24	5	1972	0.0*	0518	-40 17.1	140 11.5	8247.3	9.7	292		
24	5	1972	0.0	0600	-40 14.6	140 3.3	8254.1	8.9	292		
24	5	1972	0.0	0730	-40 9.5	139 47.1	8267.4	9.0	292		
24	5	1972	0.0*	0804	-40 7.6	139 41.0	8272.5	9.9	285		
24	5	1972	0.0	0900	-40 5.0	139 29.4	8281.8	9.0	44		
24	5	1972	0.0	1100	-39 52.1	139 45.6	8299.7	9.0	44		
24	5	1972	0.0	1300	-39 39.3	140 1.8	8317.6	9.0	44		
24	5	1972	0.0*	1316	-39 37.5	140 4.0	8320.0	9.9	45		
24	5	1972	0.0	1430	-39 28.9	140 15.1	8332.2	10.2	45		
24	5	1972	0.0	1517	-39 23.3	140 22.4	8340.1	9.0	179		
24	5	1972	0.0	1630	-39 34.3	140 22.5	8351.1	9.0	179		
24	5	1972	0.0	1730	-39 43.3	140 22.6	8360.1	9.2	179		
24	5	1972	0.0	1830	-39 52.5	140 22.6	8369.3	9.5	179		
24	5	1972	0.0	2015	-40 9.0	140 22.7	8385.9	10.1	335		
24	5	1972	0.0	2200	-39 53.0	140 13.1	8403.5	9.9	335		
24	5	1972	0.0*	2238	-39 47.4	140 9.7	8409.8	9.8	336		
24	5	1972	0.0	2345	-39 37.3	140 4.1	8420.7	4.2	339		
25	5	1972	0.0	0003	-39 36.1	140 3.5	8422.0	0.3	74	START	21
25	5	1972	0.0*	0118	-39 36.0	140 4.0	8422.4	0.4	66		21
25	5	1972	0.0	0324	-39 35.6	140 5.0	8423.3	6.8	313	END	21
25	5	1972	0.0	0335	-39 34.8	140 3.8	8424.5	6.3	313		
25	5	1972	0.0*	0426	-39 31.1	139 58.7	8429.9	6.2	316		
25	5	1972	0.0	0500	-39 28.5	139 55.6	8433.4	6.5	316		
25	5	1972	0.0	0721	-39 17.4	139 41.8	8448.8	10.2	314		
25	5	1972	0.0	0830	-39 9.3	139 31.0	8460.5	8.6	234		
25	5	1972	0.0	1030	-39 19.4	139 12.9	8477.8	8.9	234		
25	5	1972	0.0	1208	-39 28.0	138 57.7	8492.3	5.1	233		
25	5	1972	0.0	1237	-39 29.4	138 55.1	8494.8	9.3	234		
25	5	1972	0.0*	1316	-39 33.0	138 48.8	8500.9	9.9	232		
25	5	1972	0.0	1431	-39 40.5	138 36.1	8513.2	11.2	359		
25	5	1972	0.0	1511	-39 33.0	138 36.0	8520.7	9.3	359		
25	5	1972	0.0*	1540	-39 28.5	138 35.9	8525.2	8.6	358		
25	5	1972	0.0*	1602	-39 25.3	138 35.9	8528.3	8.8	356		
25	5	1972	0.0	1700	-39 16.8	138 35.1	8536.9	8.8	356		
25	5	1972	0.0*	1726	-39 13.0	138 34.8	8540.7	8.8	357		
25	5	1972	0.0	1900	-38 59.3	138 34.0	8554.4	8.9	357		
25	5	1972	0.0*	2000	-38 50.5	138 33.4	8563.3	9.0	356		
25	5	1972	0.0	2100	-38 41.5	138 32.8	8572.3	9.0	356		
25	5	1972	0.0*	2144	-38 34.9	138 32.3	8578.9	9.0	355		
25	5	1972	0.0*	2210	-38 31.0	138 31.9	8582.7	9.0	357		
25	5	1972	0.0	2312	-38 21.8	138 31.4	8592.0	8.6	90		
25	5	1972	0.0	2315	-38 21.8	138 31.9	8592.4	9.0	357		
25	5	1972	0.0*	2330	-38 19.5	138 31.8	8594.7	9.3	356		
26	5	1972	0.0	0138	-37 59.8	138 30.3	8614.5	4.7	356		
26	5	1972	0.0	0148	-37 59.0	138 30.2	8615.3	0.5	184	START	22
26	5	1972	0.0*	0210	-37 59.1	138 30.2	8615.4	0.7	76		22
26	5	1972	0.0*	0524	-37 58.6	138 32.9	8617.6	0.7	17		22
26	5	1972	0.0	0538	-37 58.5	138 32.9	8617.8	4.8	211	END	22

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.	
26	5	1972	0.0	0552	-37 59.4	138 32.2	8618.9	8.9	210		
26	5	1972	0.0	0700	-38 8.1	138 25.6	8629.0	8.6	211		
26	5	1972	0.0	0800	-38 15.5	138 19.9	8637.6	8.9	211		
26	5	1972	0.0	0900	-38 23.2	138 14.0	8646.6	8.8	211		
26	5	1972	0.0*	0942	-38 28.5	138 10.0	8652.8	8.6	212		
26	5	1972	0.0	1000	-38 30.6	138 8.2	8655.3	8.7	212		
26	5	1972	0.0*	1008	-38 31.6	138 7.4	8656.5	9.1	211		
26	5	1972	0.0	1100	-38 38.4	138 2.2	8664.4	9.2	211		
26	5	1972	0.0*	1126	-38 41.8	137 59.6	8668.3	8.8	211		
26	5	1972	0.0	1200	-38 46.0	137 56.3	8673.3	8.9	211		
26	5	1972	0.0	1300	-38 53.6	137 50.3	8682.2	8.8	211		
26	5	1972	0.0*	1326	-38 56.8	137 47.7	8686.0	8.8	211		
26	5	1972	0.0	1400	-39 1.1	137 44.4	8690.9	9.0	211		
26	5	1972	0.0	1500	-39 8.7	137 38.4	8699.9	9.2	211		
26	5	1972	0.0*	1512	-39 10.3	137 37.2	8701.8	9.4	213		
26	5	1972	0.0	1600	-39 16.5	137 31.8	8709.3	9.1	213		
26	5	1972	0.0*	1636	-39 21.1	137 27.9	8714.8	9.8	214		
26	5	1972	0.0	1700	-39 24.4	137 25.0	8718.7	10.0	214		
26	5	1972	0.0	1800	-39 32.7	137 17.7	8728.7	10.0	214		
26	5	1972	0.0	1900	-39 41.0	137 10.4	8738.8	10.0	214		
26	5	1972	0.0	1929	-39 45.0	137 6.8	8743.6	11.0	51		
26	5	1972	0.0	2100	-39 34.5	137 23.6	8760.2	11.0	51		
26	5	1972	0.0*	2236	-39 23.5	137 41.3	8777.8	10.4	53		
26	5	1972	0.0	2300	-39 21.0	137 45.7	8782.0	10.4	53		
27	5	1972	0.0	0100	-39 8.6	138 7.4	8802.8	10.4	53		
27	5	1972	0.0	0300	-38 56.3	138 28.9	8823.6	10.3	53		
27	5	1972	0.0	0402	-38 50.0	138 39.9	8834.2	10.9	236		
27	5	1972	0.0	0437	-38 53.5	138 33.1	8840.6	7.1	237		
27	5	1972	0.0	0446	-38 54.1	138 32.0	8841.6	0.7	254	START	23
27	5	1972	0.0*	0630	-38 54.4	138 30.4	8842.9	0.7	119		23
27	5	1972	0.0	0732	-38 54.8	138 31.1	8843.6	5.8	324	END	23
27	5	1972	0.0	0744	-38 53.8	138 30.3	8844.8	9.5	323		
27	5	1972	0.0	0813	-38 50.2	138 26.8	8849.3	11.1	323		
27	5	1972	0.0	0839	-38 46.3	138 23.1	8854.2	7.9	267		
27	5	1972	0.0	0842	-38 46.3	138 22.6	8854.6	10.5	323		
27	5	1972	0.0	1030	-38 31.1	138 8.1	8873.5	10.6	323		
27	5	1972	0.0*	1032	-38 30.8	138 7.8	8873.9	10.1	322		
27	5	1972	0.0	1230	-38 15.1	137 52.4	8893.7	10.0	322		
27	5	1972	0.0*	1238	-38 14.1	137 51.3	8895.0	10.9	321		
27	5	1972	0.0	1430	-37 58.3	137 35.1	8915.3	10.8	321		
27	5	1972	0.0	1530	-37 49.8	137 26.5	8926.2	10.2	321		
27	5	1972	0.0	1544	-37 48.0	137 24.6	8928.6	7.9	320		
27	5	1972	0.0	1551	-37 47.3	137 23.9	8929.5	11.0	321		
27	5	1972	0.0	1600	-37 46.0	137 22.5	8931.1	10.4	66		
27	5	1972	0.0	1730	-37 39.8	137 40.7	8946.8	10.6	66		
27	5	1972	0.0	1900	-37 33.6	137 59.1	8962.6	10.3	66		
27	5	1972	0.0*	1956	-37 29.8	138 10.2	8972.2	10.4	65		
27	5	1972	0.0	2030	-37 27.3	138 16.9	8978.1	10.5	209		
27	5	1972	0.0*	2140	-37 37.9	138 9.2	8990.3	9.6	208		
27	5	1972	0.0	2200	-37 40.7	138 7.3	8993.5	9.8	208		
27	5	1972	0.0*	2328	-37 53.3	137 58.7	9007.9	9.7	209		
27	5	1972	0.0	2330	-37 53.6	137 58.5	9008.2	10.0	209		
28	5	1972	0.0	0100	-38 6.7	137 49.3	9023.2	9.4	209		
28	5	1972	0.0	0133	-38 11.2	137 46.1	9028.4	4.7	208		
28	5	1972	0.0	0143	-38 11.4	137 45.6	9029.1	1.0	39	START	24
28	5	1972	0.0*	0214	-38 11.5	137 46.0	9029.7	0.4	21		24
28	5	1972	0.0	0625	-38 9.9	137 46.8	9031.4	5.8	226	END	24
28	5	1972	0.0	0730	-38 14.2	137 41.0	9037.7	6.0	226		
28	5	1972	0.0*	0756	-38 16.0	137 38.6	9040.3	5.8	227		
28	5	1972	0.0	0900	-38 20.1	137 32.8	9046.5	5.9	227		
28	5	1972	0.0*	0936	-38 22.5	137 29.5	9050.0	5.7	227		
28	5	1972	0.0	1016	-38 25.1	137 25.9	9053.9	10.1	226		
28	5	1972	0.0*	1124	-38 33.0	137 15.3	9065.3	10.1	225		
28	5	1972	0.0	1200	-38 37.3	137 9.8	9071.3	10.2	225		
28	5	1972	0.0*	1210	-38 38.5	137 8.3	9073.0	10.0	225		
28	5	1972	0.0*	1336	-38 48.5	136 55.1	9087.4	10.0	226		
28	5	1972	0.0	1400	-38 51.3	136 51.4	9091.5	10.0	226		
28	5	1972	0.0	1600	-39 5.1	136 32.8	9111.4	9.9	226		
28	5	1972	0.0*	1646	-39 10.4	136 25.7	9119.0	10.4	222		
28	5	1972	0.0	1800	-39 19.8	136 14.5	9131.9	10.3	222		

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.	
28	5	1972	0.0	1931	-39 31.3	136 0.7	9147.6	10.5	292		
28	5	1972	0.0*	2046	-39 26.3	135 44.9	9160.7	10.1	288		
28	5	1972	0.0*	2130	-39 23.9	135 35.9	9168.1	10.1	289		
28	5	1972	0.0*	2232	-39 20.5	135 23.1	9178.6	9.9	289		
28	5	1972	0.0	2236	-39 20.3	135 22.3	9179.2	8.5	330		
28	5	1972	0.0	2238	-39 20.0	135 22.1	9179.5	10.4	289		
28	5	1972	0.0	2307	-39 18.3	135 16.0	9184.5	9.0	299		
28	5	1972	0.0	2312	-39 17.9	135 15.1	9185.3	9.8	289		
28	5	1972	0.0*	2318	-39 17.6	135 13.9	9186.3	9.9	289		
29	5	1972	0.0	0000	-39 15.3	135 5.6	9193.2	9.7	289		
29	5	1972	0.0*	0124	-39 10.6	134 49.1	9206.8	9.6	291		
29	5	1972	0.0	0200	-39 8.5	134 42.2	9212.5	9.8	291		
29	5	1972	0.0*	0310	-39 4.3	134 28.5	9224.0	9.7	292		
29	5	1972	0.0	0400	-39 1.2	134 18.9	9232.0	9.7	292		
29	5	1972	0.0*	0444	-38 58.4	134 10.5	9239.1	9.9	291		
29	5	1972	0.0	0600	-38 53.9	133 55.4	9251.7	10.0	291		
29	5	1972	0.0	0800	-38 46.7	133 31.5	9271.6	10.0	291		
29	5	1972	0.0*	0930	-38 41.4	133 13.6	9286.6	9.8	289		
29	5	1972	0.0	1000	-38 39.8	133 7.7	9291.5	9.9	289		
29	5	1972	0.0*	1028	-38 38.2	133 2.1	9296.1	10.0	289		
29	5	1972	0.0	1200	-38 33.2	132 43.6	9311.5	10.0	289		
29	5	1972	0.0	1247	-38 30.6	132 34.1	9319.3	10.0	303		
29	5	1972	0.0	1323	-38 27.3	132 27.8	9325.2	9.9	289		
29	5	1972	0.0	1500	-38 22.0	132 8.4	9341.3	9.9	289		
29	5	1972	0.0*	1506	-38 21.7	132 7.2	9342.3	9.8	289		
29	5	1972	0.0	1700	-38 15.4	131 44.9	9360.9	9.8	289		
29	5	1972	0.0	1900	-38 8.7	131 21.3	9380.6	9.8	292		
29	5	1972	0.0*	2044	-38 2.3	131 1.2	9397.7	9.9	292		
29	5	1972	0.0	2100	-38 1.3	130 58.2	9400.3	9.8	292		
29	5	1972	0.0*	2138	-37 58.9	130 50.9	9406.5	10.0	292		
29	5	1972	0.0*	2228	-37 55.7	130 41.1	9414.8	10.1	292		
29	5	1972	0.0	2300	-37 53.7	130 34.8	9420.2	10.1	292		
29	5	1972	0.0*	2324	-37 52.1	130 30.1	9424.3	10.5	291		
30	5	1972	0.0	0000	-37 49.8	130 22.7	9430.5	10.6	291		
30	5	1972	0.0	0104	-37 45.6	130 9.4	9441.8	5.2	290		
30	5	1972	0.0	0145	-37 44.4	130 5.2	9445.4	10.0	291		
30	5	1972	0.0	0330	-37 38.0	129 44.7	9462.8	9.7	291		
30	5	1972	0.0	0517	-37 31.6	129 24.4	9480.1	5.2	290		
30	5	1972	0.0	0528	-37 31.2	129 23.3	9481.1	0.6	135	START	25
30	5	1972	0.0	0833	-37 32.6	129 24.9	9483.0	10.5	267	END	25
30	5	1972	0.0	0840	-37 32.6	129 23.4	9484.2	5.5	265		
30	5	1972	0.0*	0932	-37 33.0	129 17.4	9489.0	5.9	268		
30	5	1972	0.0	1034	-37 33.2	129 9.8	9495.0	6.1	91		
30	5	1972	0.0*	1118	-37 33.4	129 15.4	9499.5	6.0	92		
30	5	1972	0.0*	1216	-37 33.6	129 22.7	9505.3	6.1	97		
30	5	1972	0.0	1231	-37 33.8	129 24.6	9506.8	5.5	0		
30	5	1972	0.0	1235	-37 33.5	129 24.6	9507.2	8.9	0		
30	5	1972	0.0*	1346	-37 22.9	129 24.7	9517.7	8.8	1		
30	5	1972	0.0	1430	-37 16.5	129 24.9	9524.2	8.6	1		
30	5	1972	0.0*	1532	-37 7.6	129 25.2	9533.0	8.7	2		
30	5	1972	0.0	1630	-36 59.2	129 25.8	9541.5	8.8	2		
30	5	1972	0.0*	1656	-36 55.4	129 26.0	9545.3	8.7	0		
30	5	1972	0.0	1730	-36 50.4	129 26.1	9550.2	8.9	0		
30	5	1972	0.0*	1842	-36 39.8	129 26.2	9560.9	9.0	358		
30	5	1972	0.0	1900	-36 37.1	129 26.1	9563.6	9.1	358		
30	5	1972	0.0*	2044	-36 21.4	129 25.6	9579.3	9.2	358		
30	5	1972	0.0	2100	-36 18.9	129 25.5	9581.7	9.0	358		
30	5	1972	0.0*	2142	-36 12.6	129 25.2	9588.0	9.0	357		
30	5	1972	0.0	2311	-35 59.3	129 24.5	9601.4	5.8	95		
31	5	1972	0.0*	0016	-35 59.9	129 32.3	9607.7	6.0	94		
31	5	1972	0.0	0100	-36 0.2	129 37.7	9612.2	6.1	94		
31	5	1972	0.0*	0148	-36 0.6	129 43.8	9617.0	6.1	93		
31	5	1972	0.0	0200	-36 0.7	129 45.3	9618.3	6.2	93		
31	5	1972	0.0	0322	-36 1.2	129 55.7	9626.7	6.7	266		
31	5	1972	0.0*	0332	-36 1.2	129 54.3	9627.8	6.6	265		
31	5	1972	0.0	0430	-36 1.7	129 46.5	9634.2	6.5	265		
31	5	1972	0.0*	0452	-36 1.9	129 43.5	9636.6	6.7	263		
31	5	1972	0.0	0518	-36 2.2	129 40.0	9639.4	6.2	262		
31	5	1972	0.0	0539	-36 2.5	129 37.3	9641.6	6.7	263		
31	5	1972	0.0	0611	-36 2.9	129 32.9	9645.2	7.9	359		

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
31	5	1972	0.0	0700	-35 56.5	129 32.8	9651.7	7.9	359	
31	5	1972	0.0	0800	-35 48.6	129 32.6	9659.6	7.7	359	
31	5	1972	0.0	0830	-35 44.8	129 32.5	9663.4	7.9	359	
31	5	1972	0.0	0900	-35 40.8	129 32.4	9667.4	7.5	359	
31	5	1972	0.0	0930	-35 37.1	129 32.4	9671.1	7.3	359	
31	5	1972	0.0*	0938	-35 36.1	129 32.3	9672.1	7.5	358	
31	5	1972	0.0	1000	-35 33.4	129 32.3	9674.8	7.3	358	
31	5	1972	0.0	1030	-35 29.7	129 32.1	9678.4	6.2	358	
31	5	1972	0.0	1100	-35 26.6	129 32.0	9681.5	5.6	358	
31	5	1972	0.0	1130	-35 23.9	129 31.9	9684.3	5.8	358	
31	5	1972	0.0	1200	-35 21.0	129 31.8	9687.2	5.6	358	
31	5	1972	0.0*	1212	-35 19.8	129 31.7	9688.3	5.8	359	
31	5	1972	0.0	1230	-35 18.1	129 31.7	9690.1	5.8	359	
31	5	1972	0.0	1300	-35 15.2	129 31.7	9692.9	5.8	359	
31	5	1972	0.0	1330	-35 12.4	129 31.7	9695.8	5.1	359	
31	5	1972	0.0	1400	-35 9.8	129 31.7	9698.4	5.8	359	
31	5	1972	0.0	1430	-35 6.9	129 31.7	9701.3	5.3	359	
31	5	1972	0.0	1500	-35 4.3	129 31.7	9703.9	5.5	359	
31	5	1972	0.0	1530	-35 1.5	129 31.7	9706.7	6.2	359	
31	5	1972	0.0	1600	-34 58.4	129 31.7	9709.8	6.0	0	
31	5	1972	0.0*	1608	-34 57.6	129 31.7	9710.6	6.0	358	
31	5	1972	0.0	1630	-34 55.4	129 31.6	9712.8	6.5	358	
31	5	1972	0.0	1700	-34 52.2	129 31.5	9716.0	6.7	358	
31	5	1972	0.0	1730	-34 48.9	129 31.4	9719.3	6.4	358	
31	5	1972	0.0*	1754	-34 46.3	129 31.4	9721.9	6.6	359	
31	5	1972	0.0	1800	-34 45.6	129 31.4	9722.6	6.8	359	
31	5	1972	0.0	1830	-34 42.2	129 31.4	9726.0	7.0	359	
31	5	1972	0.0	1900	-34 38.7	129 31.3	9729.4	7.0	360	
31	5	1972	0.0	1930	-34 35.3	129 31.3	9732.9	7.6	359	
31	5	1972	0.0	2000	-34 31.5	129 31.3	9736.7	6.1	92	
31	5	1972	0.0	2030	-34 31.6	129 35.1	9739.8	6.1	92	
31	5	1972	0.0	2100	-34 31.7	129 38.8	9742.9	5.9	92	
31	5	1972	0.0	2115	-34 31.8	129 40.6	9744.4	6.4	92	
31	5	1972	0.0	2130	-34 31.8	129 42.5	9745.9	6.8	92	
31	5	1972	0.0	2200	-34 31.9	129 46.6	9749.3	6.4	92	
31	5	1972	0.0	2230	-34 32.1	129 50.5	9752.5	6.1	92	
31	5	1972	0.0*	2240	-34 32.1	129 51.7	9753.5	6.0	94	
31	5	1972	0.0	2251	-34 32.2	129 53.0	9754.6	6.0	265	
31	5	1972	0.0	2330	-34 32.5	129 48.3	9758.5	6.0	265	
1	6	1972	0.0*	0026	-34 32.9	129 41.6	9764.1	6.1	266	
1	6	1972	0.0	0038	-34 32.9	129 40.1	9765.3	7.8	358	
1	6	1972	0.0	0100	-34 30.1	129 40.0	9768.1	8.4	358	
1	6	1972	0.0	0130	-34 25.9	129 39.9	9772.3	8.6	358	
1	6	1972	0.0	0200	-34 21.6	129 39.8	9776.6	8.8	358	
1	6	1972	0.0*	0222	-34 18.4	129 39.7	9779.8	8.6	359	
1	6	1972	0.0	0230	-34 17.3	129 39.7	9781.0	8.5	359	
1	6	1972	0.0	0300	-34 13.0	129 39.7	9785.2	8.5	359	
1	6	1972	0.0	0330	-34 8.7	129 39.6	9789.5	8.3	359	
1	6	1972	0.0	0400	-34 4.5	129 39.6	9793.7	8.1	359	
1	6	1972	0.0*	0410	-34 3.2	129 39.5	9795.0	8.0	1	
1	6	1972	0.0	0430	-34 0.5	129 39.6	9797.7	8.2	1	
1	6	1972	0.0	0530	-33 52.4	129 39.9	9805.9	8.0	1	
1	6	1972	0.0*	0556	-33 48.9	129 40.0	9809.3	7.8	4	
1	6	1972	0.0	0600	-33 48.4	129 40.1	9809.8	7.6	4	
1	6	1972	0.0	0630	-33 44.6	129 40.4	9813.6	7.6	4	
1	6	1972	0.0	0700	-33 40.9	129 40.7	9817.4	8.0	4	
1	6	1972	0.0	0730	-33 36.9	129 41.1	9821.4	8.0	4	
1	6	1972	0.0	0800	-33 32.9	129 41.4	9825.4	8.0	4	
1	6	1972	0.0	0830	-33 28.9	129 41.7	9829.4	8.4	3	
1	6	1972	0.0*	0854	-33 25.6	129 42.0	9832.7	9.0	4	
1	6	1972	0.0	0900	-33 24.7	129 42.1	9833.6	9.4	4	
1	6	1972	0.0	0930	-33 20.0	129 42.5	9838.3	9.6	4	
1	6	1972	0.0	1000	-33 15.2	129 42.9	9843.1	9.7	4	
1	6	1972	0.0	1041	-33 8.6	129 43.5	9849.8	5.8	266	
1	6	1972	0.0	1230	-33 9.2	129 30.8	9860.4	5.5	266	
1	6	1972	0.0	1316	-33 9.5	129 25.8	9864.6	9.0	271	
1	6	1972	0.0*	1358	-33 9.3	129 18.3	9870.9	9.1	275	
1	6	1972	0.0	1400	-33 9.3	129 17.9	9871.2	7.8	275	
1	6	1972	0.0	1430	-33 8.9	129 13.3	9875.1	6.5	275	
1	6	1972	0.0	1500	-33 8.6	129 9.4	9878.3	6.5	275	

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
1	6	1972	0.0	1530	-33 8.3	129 5.6	9881.6	6.5	275	
1	6	1972	0.0*	1544	-33 8.1	129 3.8	9883.1	6.6	275	
1	6	1972	0.0	1600	-33 7.9	129 1.7	9884.9	6.1	276	
1	6	1972	0.0	1630	-33 7.6	128 58.1	9887.9	6.3	276	
1	6	1972	0.0	1700	-33 7.3	128 54.3	9891.1	6.6	275	
1	6	1972	0.0	1730	-33 6.9	128 50.4	9894.4	6.6	275	
1	6	1972	0.0	1800	-33 6.6	128 46.5	9897.7	6.8	275	
1	6	1972	0.0	1830	-33 6.2	128 42.5	9901.0	7.2	275	
1	6	1972	0.0*	1854	-33 6.0	128 39.1	9903.9	6.8	278	
1	6	1972	0.0	1900	-33 5.9	128 38.3	9904.6	6.8	278	
1	6	1972	0.0	1930	-33 5.3	128 34.3	9908.0	7.0	278	
1	6	1972	0.0	2000	-33 4.8	128 30.1	9911.5	6.6	279	
1	6	1972	0.0	2030	-33 4.3	128 26.2	9914.8	6.4	279	
1	6	1972	0.0	2100	-33 3.8	128 22.5	9918.0	7.2	278	
1	6	1972	0.0	2130	-33 3.2	128 18.2	9921.6	7.2	278	
1	6	1972	0.0	2200	-33 2.7	128 13.9	9925.2	8.3	278	
1	6	1972	0.0	2230	-33 2.1	128 9.0	9929.4	8.7	277	
1	6	1972	0.0	2300	-33 1.5	128 3.9	9933.7	8.5	277	
1	6	1972	0.0	2330	-33 1.4	127 58.8	9938.0	8.4	272	
1	6	1972	0.0*	2338	-33 1.3	127 57.5	9939.1	8.3	271	
2	6	1972	0.0	0000	-33 1.2	127 53.9	9942.1	8.7	271	
2	6	1972	0.0	0030	-33 1.1	127 48.7	9946.5	8.1	271	
2	6	1972	0.0	0100	-33 1.0	127 43.8	9950.6	8.5	271	
2	6	1972	0.0	0130	-33 0.9	127 38.8	9954.8	8.7	271	
2	6	1972	0.0*	0132	-33 0.8	127 38.4	9955.1	8.7	270	
2	6	1972	0.0	0200	-33 0.8	127 33.6	9959.2	8.9	270	
2	6	1972	0.0	0230	-33 0.8	127 28.3	9963.6	8.9	270	
2	6	1972	0.0	0300	-33 0.8	127 23.0	9968.1	9.1	270	
2	6	1972	0.0*	0322	-33 0.8	127 19.0	9971.4	8.8	270	
2	6	1972	0.0	0330	-33 0.8	127 17.6	9972.6	9.2	270	
2	6	1972	0.0	0400	-33 0.8	127 12.1	9977.2	9.1	270	
2	6	1972	0.0*	0500	-33 0.7	127 1.2	9986.3	9.4	272	
2	6	1972	0.0	0530	-33 0.5	126 55.6	9991.0	9.7	272	
2	6	1972	0.0	0629	-33 0.1	126 44.2	10000.6	5.4	275	
2	6	1972	0.0	0715	-32 59.8	126 39.3	10004.7	5.8	170	
2	6	1972	0.0	0718	-33 0.0	126 39.3	10005.0	10.2	174	
2	6	1972	0.0	0830	-33 12.3	126 40.7	10017.3	10.1	174	
2	6	1972	0.0*	0948	-33 25.3	126 42.2	10030.4	9.3	175	
2	6	1972	0.0	1030	-33 31.8	126 42.8	10036.9	9.0	175	
2	6	1972	0.0	1130	-33 40.8	126 43.7	10046.0	9.1	175	
2	6	1972	0.0*	1132	-33 41.1	126 43.8	10046.3	9.4	176	
2	6	1972	0.0	1230	-33 50.2	126 44.4	10055.3	9.6	176	
2	6	1972	0.0	1330	-33 59.7	126 45.0	10064.9	9.5	176	
2	6	1972	0.0	1421	-34 7.8	126 45.5	10073.0	6.1	280	
2	6	1972	0.0	1500	-34 7.0	126 40.8	10076.9	6.4	280	
2	6	1972	0.0	1612	-34 5.7	126 31.7	10084.6	9.1	176	
2	6	1972	0.0*	1618	-34 6.6	126 31.7	10085.5	9.1	180	
2	6	1972	0.0	1700	-34 12.9	126 31.7	10091.9	9.7	180	
2	6	1972	0.0	1730	-34 17.8	126 31.7	10096.8	9.6	180	
2	6	1972	0.0*	1802	-34 22.9	126 31.7	10101.9	10.3	179	
2	6	1972	0.0	1830	-34 27.7	126 31.7	10106.7	10.1	179	
2	6	1972	0.0	1930	-34 37.8	126 31.7	10116.8	10.0	179	
2	6	1972	0.0	2030	-34 47.9	126 31.7	10126.8	9.7	179	
2	6	1972	0.0	2130	-34 57.6	126 31.7	10136.6	9.5	179	
2	6	1972	0.0	2308	-35 13.2	126 31.8	10152.1	6.7	273	
2	6	1972	0.0	2330	-35 13.0	126 28.8	10154.6	5.9	274	
3	6	1972	0.0	0000	-35 12.8	126 25.1	10157.6	6.4	274	
3	6	1972	0.0	0030	-35 12.6	126 21.3	10160.7	6.8	273	
3	6	1972	0.0	0044	-35 12.5	126 19.3	10162.3	9.6	179	
3	6	1972	0.0	0130	-35 19.8	126 19.3	10169.7	9.8	179	
3	6	1972	0.0*	0226	-35 29.0	126 19.3	10178.9	9.2	177	
3	6	1972	0.0	0230	-35 29.6	126 19.4	10179.5	9.3	177	
3	6	1972	0.0	0330	-35 38.9	126 20.0	10188.8	9.4	177	
3	6	1972	0.0	0430	-35 48.3	126 20.6	10198.2	9.9	177	
3	6	1972	0.0	0500	-35 53.2	126 20.9	10203.2	9.1	176	
3	6	1972	0.0	0530	-35 57.8	126 21.2	10207.7	9.6	177	
3	6	1972	0.0	0630	-36 7.4	126 21.8	10217.3	9.6	177	
3	6	1972	0.0	0730	-36 17.0	126 22.4	10226.9	9.5	177	
3	6	1972	0.0	0830	-36 26.5	126 23.0	10236.4	9.4	177	
3	6	1972	0.0*	0902	-36 31.5	126 23.4	10241.4	9.1	177	

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
3	6	1972	0.0	*0928	-36 35.4	126 23.6	10245.4	9.3	179	
3	6	1972	0.0	0930	-36 35.7	126 23.6	10245.7	9.1	179	
3	6	1972	0.0	1030	-36 44.8	126 23.7	10254.8	9.5	179	
3	6	1972	0.0	*1114	-36 51.8	126 23.8	10261.8	10.5	181	
3	6	1972	0.0	1201	-36 59.0	126 23.6	10270.0	11.3	88	
3	6	1972	0.0	1347	-36 59.5	126 48.7	10290.0	6.3	272	
3	6	1972	0.0	1430	-36 59.3	126 43.1	10294.5	6.4	272	
3	6	1972	0.0	1500	-36 59.1	126 39.1	10297.6	6.7	272	
3	6	1972	0.0	1545	-36 58.9	126 32.8	10302.7	9.8	319	
3	6	1972	0.0	*1608	-36 56.0	126 29.8	10306.4	9.0	318	
3	6	1972	0.0	1614	-36 55.4	126 29.0	10307.3	8.3	318	
3	6	1972	0.0	1700	-36 50.6	126 23.7	10313.7	8.4	318	
3	6	1972	0.0	1800	-36 44.3	126 16.8	10322.1	8.5	318	
3	6	1972	0.0	*1902	-36 37.7	126 9.5	10330.9	8.1	320	
3	6	1972	0.0	1916	-36 36.3	126 8.0	10332.7	8.5	320	
3	6	1972	0.0	*2038	-36 27.3	125 58.8	10344.4	8.4	319	
3	6	1972	0.0	2100	-36 24.9	125 56.3	10347.5	8.4	319	
3	6	1972	0.0	*2200	-36 18.5	125 49.5	10355.9	7.9	319	
3	6	1972	0.0	2230	-36 15.5	125 46.4	10359.9	8.3	319	
3	6	1972	0.0	*2346	-36 7.4	125 37.9	10370.5	8.5	321	
4	6	1972	0.0	0000	-36 5.9	125 36.4	10372.4	8.4	321	
4	6	1972	0.0	0130	-35 56.0	125 26.7	10385.0	8.3	321	
4	6	1972	0.0	*0134	-35 55.6	125 26.3	10385.6	8.3	322	
4	6	1972	0.0	0300	-35 46.1	125 17.4	10397.5	8.3	322	
4	6	1972	0.0	*0320	-35 43.9	125 15.3	10400.3	8.6	320	
4	6	1972	0.0	*0352	-35 40.3	125 11.8	10404.9	9.0	319	
4	6	1972	0.0	0430	-35 36.0	125 7.2	10410.5	8.8	319	
4	6	1972	0.0	0606	-35 25.3	124 55.9	10424.7	5.6	265	
4	6	1972	0.0	0700	-35 25.7	124 49.7	10429.7	5.4	265	
4	6	1972	0.0	0800	-35 26.1	124 43.1	10435.1	7.9	333	
4	6	1972	0.0	0830	-35 22.6	124 40.9	10439.1	8.7	333	
4	6	1972	0.0	1030	-35 7.1	124 31.2	10456.5	9.0	333	
4	6	1972	0.0	1230	-34 51.0	124 21.2	10474.6	9.1	333	
4	6	1972	0.0	*1318	-34 44.4	124 17.2	10481.9	8.9	334	
4	6	1972	0.0	1430	-34 34.8	124 11.7	10492.5	9.0	334	
4	6	1972	0.0	*1504	-34 30.2	124 9.0	10497.6	9.7	334	
4	6	1972	0.0	1632	-34 17.5	124 1.5	10511.8	6.8	89	
4	6	1972	0.0	1801	-34 17.4	124 13.7	10521.9	9.8	204	
4	6	1972	0.0	*1810	-34 18.7	124 13.0	10523.4	8.4	202	
4	6	1972	0.0	1900	-34 25.2	124 9.7	10530.4	9.1	202	
4	6	1972	0.0	2000	-34 33.6	124 5.4	10539.5	8.9	202	
4	6	1972	0.0	2100	-34 41.8	124 1.3	10548.4	8.3	239	
4	6	1972	0.0	*2114	-34 42.7	123 59.2	10550.3	8.5	236	
4	6	1972	0.0	2130	-34 44.0	123 56.9	10552.6	8.5	236	
4	6	1972	0.0	2200	-34 46.3	123 52.6	10556.8	8.5	236	
4	6	1972	0.0	2230	-34 48.6	123 48.2	10561.1	8.5	236	
4	6	1972	0.0	2300	-34 50.9	123 43.9	10565.3	8.2	236	
5	6	1972	0.0	0000	-34 55.4	123 35.5	10573.5	8.5	236	
5	6	1972	0.0	0030	-34 57.7	123 31.2	10577.8	8.1	236	
5	6	1972	0.0	*0048	-34 59.1	123 28.7	10580.2	8.9	236	
5	6	1972	0.0	0100	-35 0.0	123 26.8	10582.0	8.7	236	
5	6	1972	0.0	*0122	-35 1.8	123 23.6	10585.2	9.1	235	
5	6	1972	0.0	0130	-35 2.5	123 22.4	10586.4	8.8	235	
5	6	1972	0.0	0200	-35 5.0	123 17.9	10590.8	8.8	235	
5	6	1972	0.0	0230	-35 7.5	123 13.5	10595.2	8.4	235	
5	6	1972	0.0	0300	-35 9.9	123 9.3	10599.4	8.2	235	
5	6	1972	0.0	*0302	-35 10.0	123 9.0	10599.7	8.2	234	
5	6	1972	0.0	0330	-35 12.2	123 5.2	10603.5	8.6	234	
5	6	1972	0.0	0400	-35 14.7	123 0.9	10607.8	8.4	234	
5	6	1972	0.0	*0420	-35 16.4	122 58.2	10610.6	8.3	234	
5	6	1972	0.0	0430	-35 17.2	122 56.8	10612.0	8.3	234	
5	6	1972	0.0	0500	-35 19.6	122 52.6	10616.1	8.3	234	
5	6	1972	0.0	0530	-35 22.0	122 48.5	10620.3	8.7	234	
5	6	1972	0.0	0600	-35 24.5	122 44.1	10624.7	8.7	234	
5	6	1972	0.0	*0606	-35 25.0	122 43.2	10625.5	9.1	234	
5	6	1972	0.0	0630	-35 27.1	122 39.6	10629.2	8.8	234	
5	6	1972	0.0	0700	-35 29.6	122 35.1	10633.6	8.6	234	
5	6	1972	0.0	0730	-35 32.1	122 30.8	10637.9	8.8	234	
5	6	1972	0.0	0800	-35 34.7	122 26.3	10642.3	8.9	234	
5	6	1972	0.0	0830	-35 37.2	122 21.9	10646.8	8.2	234	

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
5	6	1972	0.0	0900	-35 39.6	122 17.8	10650.9	8.2	234	
5	6	1972	0.0	0930	-35 42.0	122 13.7	10655.0	8.6	234	
5	6	1972	0.0	1000	-35 44.5	122 9.3	10659.3	8.4	234	
5	6	1972	0.0	1018	-35 46.0	122 6.8	10661.8	5.7	267	
5	6	1972	0.0	1100	-35 46.1	122 1.9	10665.8	5.8	267	
5	6	1972	0.0	1200	-35 46.4	121 54.7	10671.6	5.3	267	
5	6	1972	0.0	1215	-35 46.5	121 53.1	10672.9	9.2	216	
5	6	1972	0.0	1300	-35 52.0	121 48.0	10679.9	9.8	217	
5	6	1972	0.0	1330	-35 55.9	121 44.3	10684.8	8.7	216	
5	6	1972	0.0	*1418	-36 1.5	121 39.2	10691.8	8.3	215	
5	6	1972	0.0	1430	-36 2.9	121 38.0	10693.4	8.5	215	
5	6	1972	0.0	1500	-36 6.3	121 35.0	10697.6	8.5	215	
5	6	1972	0.0	1530	-36 9.8	121 32.0	10701.9	8.8	215	
5	6	1972	0.0	*1612	-36 14.8	121 27.6	10708.0	8.5	216	
5	6	1972	0.0	1630	-36 16.9	121 25.7	10710.6	8.4	216	
5	6	1972	0.0	1700	-36 20.2	121 22.6	10714.7	8.4	216	
5	6	1972	0.0	*1722	-36 22.7	121 20.3	10717.8	8.3	219	
5	6	1972	0.0	1730	-36 23.5	121 19.4	10718.9	8.4	219	
5	6	1972	0.0	1800	-36 26.8	121 16.1	10723.1	8.4	219	
5	6	1972	0.0	1830	-36 30.0	121 12.8	10727.3	8.6	219	
5	6	1972	0.0	1930	-36 36.7	121 6.0	10736.0	8.4	219	
5	6	1972	0.0	2000	-36 40.0	121 2.6	10740.2	8.4	219	
5	6	1972	0.0	2030	-36 43.2	120 59.3	10744.4	8.4	219	
5	6	1972	0.0	*2034	-36 43.7	120 58.8	10745.0	8.5	222	
5	6	1972	0.0	2100	-36 46.4	120 55.8	10748.7	8.7	222	
5	6	1972	0.0	2130	-36 49.6	120 52.1	10753.0	8.1	222	
5	6	1972	0.0	2200	-36 52.6	120 48.7	10757.0	8.1	222	
5	6	1972	0.0	*2210	-36 53.6	120 47.6	10758.4	8.6	218	
5	6	1972	0.0	2230	-36 55.9	120 45.4	10761.3	8.6	218	
5	6	1972	0.0	2300	-36 59.2	120 42.0	10765.6	8.8	218	
5	6	1972	0.0	2330	-37 2.7	120 38.5	10770.0	9.0	218	
5	6	1972	0.0	*2356	-37 5.7	120 35.5	10773.9	8.6	216	
6	6	1972	0.0	0000	-37 6.2	120 35.0	10774.5	8.2	215	
6	6	1972	0.0	0030	-37 9.5	120 32.0	10778.6	8.4	216	
6	6	1972	0.0	0100	-37 12.9	120 28.9	10782.8	8.6	216	
6	6	1972	0.0	0130	-37 16.4	120 25.7	10787.1	8.2	215	
6	6	1972	0.0	*0140	-37 17.5	120 24.7	10788.4	8.2	217	
6	6	1972	0.0	0200	-37 19.7	120 22.7	10791.2	8.6	217	
6	6	1972	0.0	0230	-37 23.1	120 19.4	10795.5	8.2	217	
6	6	1972	0.0	0300	-37 26.4	120 16.3	10799.6	8.6	217	
6	6	1972	0.0	*0326	-37 29.4	120 13.4	10803.3	8.2	216	
6	6	1972	0.0	0330	-37 29.8	120 13.0	10803.9	8.1	216	
6	6	1972	0.0	0400	-37 33.1	120 10.0	10807.9	8.3	216	
6	6	1972	0.0	*0402	-37 33.3	120 9.8	10808.2	9.1	214	
6	6	1972	0.0	0430	-37 36.8	120 6.7	10812.5	9.4	215	
6	6	1972	0.0	0500	-37 40.6	120 3.3	10817.2	9.2	214	
6	6	1972	0.0	0531	-37 44.6	119 59.9	10821.9	8.6	319	
6	6	1972	0.0	0600	-37 41.4	119 56.4	10826.1	8.9	319	
6	6	1972	0.0	0630	-37 38.0	119 52.7	10830.6	8.9	319	
6	6	1972	0.0	0730	-37 31.3	119 45.4	10839.5	9.4	319	
6	6	1972	0.0	0800	-37 27.7	119 41.5	10844.2	9.2	319	
6	6	1972	0.0	0830	-37 24.3	119 37.7	10848.8	8.8	319	
6	6	1972	0.0	0930	-37 17.6	119 30.4	10857.7	9.0	319	
6	6	1972	0.0	1000	-37 14.2	119 26.8	10862.1	9.2	319	
6	6	1972	0.0	*1008	-37 13.2	119 25.7	10863.3	9.8	315	
6	6	1972	0.0	1100	-37 7.2	119 18.4	10871.8	9.4	315	
6	6	1972	0.0	1200	-37 0.4	119 10.1	10881.2	10.0	315	
6	6	1972	0.0	1230	-36 56.9	119 5.8	10886.2	10.0	315	
6	6	1972	0.0	1330	-36 49.7	118 57.1	10896.2	9.8	315	
6	6	1972	0.0	1400	-36 46.2	118 52.8	10901.1	10.0	315	
6	6	1972	0.0	1430	-36 42.7	118 48.5	10906.0	9.4	315	
6	6	1972	0.0	1530	-36 35.9	118 40.3	10915.5	9.3	315	
6	6	1972	0.0	1600	-36 32.6	118 36.2	10920.1	9.3	315	
6	6	1972	0.0	1630	-36 29.2	118 32.2	10924.8	9.1	315	
6	6	1972	0.0	1730	-36 22.7	118 24.3	10933.9	8.9	315	
6	6	1972	0.0	1800	-36 19.5	118 20.4	10938.4	8.9	315	
6	6	1972	0.0	1830	-36 16.3	118 16.6	10942.8	6.0	269	
6	6	1972	0.0	1900	-36 16.3	118 12.9	10945.8	6.0	269	
6	6	1972	0.0	1930	-36 16.3	118 9.2	10948.8	5.5	269	
6	6	1972	0.0	1945	-36 16.3	118 7.4	10950.2	6.4	269	

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
6	6	1972	0.0	2000	-36	16.3	118 5.5	10951.8	6.2	269
6	6	1972	0.0	2031	-36	16.3	118 1.5	10955.0	9.0	315
6	6	1972	0.0	2100	-36	13.2	117 57.7	10959.3	8.9	315
6	6	1972	0.0	2130	-36	10.0	117 53.9	10963.8	9.1	315
6	6	1972	0.0	2200	-36	6.8	117 50.0	10968.3	9.4	315
6	6	1972	0.0	2300	-36	0.0	117 41.8	10977.8	9.5	315
6	6	1972	0.0	*2306	-35	59.3	117 41.0	10978.7	8.8	317
6	6	1972	0.0	2330	-35	56.8	117 38.1	10982.2	8.7	317
7	6	1972	0.0	0030	-35	50.4	117 30.8	10990.9	8.8	317
7	6	1972	0.0	*0128	-35	44.1	117 23.8	10999.3	8.9	316
7	6	1972	0.0	0130	-35	43.9	117 23.5	10999.6	8.9	316
7	6	1972	0.0	0230	-35	37.5	117 16.0	11008.5	8.9	316
7	6	1972	0.0	*0234	-35	37.1	117 15.5	11009.1	8.9	320
7	6	1972	0.0	0330	-35	30.7	117 9.0	11017.4	9.1	320
7	6	1972	0.0	0430	-35	23.6	117 2.0	11026.5	9.0	320
7	6	1972	0.0	0508	-35	19.2	116 57.6	11032.2	8.4	269
7	6	1972	0.0	0510	-35	19.2	116 57.2	11032.5	4.4	268
7	6	1972	0.0	0600	-35	19.3	116 52.7	11036.2	4.6	268
7	6	1972	0.0	*0616	-35	19.3	116 51.2	11037.4	5.1	269
7	6	1972	0.0	0701	-35	19.3	116 46.5	11041.2	5.8	254
7	6	1972	0.0	0703	-35	19.4	116 46.2	11041.4	8.6	254
7	6	1972	0.0	0730	-35	20.4	116 41.7	11045.3	8.9	254
7	6	1972	0.0	0830	-35	22.7	116 31.2	11054.2	9.0	254
7	6	1972	0.0	0900	-35	23.9	116 25.9	11058.7	8.8	254
7	6	1972	0.0	*0926	-35	24.9	116 21.4	11062.5	8.3	255
7	6	1972	0.0	0930	-35	25.0	116 20.7	11063.0	8.2	255
7	6	1972	0.0	1000	-35	26.1	116 15.8	11067.1	7.8	255
7	6	1972	0.0	1030	-35	27.0	116 11.2	11071.0	7.8	255
7	6	1972	0.0	1100	-35	28.0	116 6.5	11074.9	7.8	255
7	6	1972	0.0	1130	-35	28.9	116 1.8	11078.9	7.4	255
7	6	1972	0.0	1200	-35	29.8	115 57.4	11082.6	7.2	255
7	6	1972	0.0	1230	-35	30.7	115 53.2	11086.1	7.6	255
7	6	1972	0.0	1300	-35	31.6	115 48.6	11089.9	8.0	255
7	6	1972	0.0	1330	-35	32.6	115 43.9	11094.0	8.4	255
7	6	1972	0.0	1400	-35	33.6	115 38.8	11098.2	8.2	255
7	6	1972	0.0	1430	-35	34.7	115 33.9	11102.3	8.3	255
7	6	1972	0.0	1530	-35	36.7	115 24.0	11110.6	8.5	255
7	6	1972	0.0	1600	-35	37.7	115 18.9	11114.9	9.1	255
7	6	1972	0.0	*1614	-35	38.2	115 16.4	11117.0	6.9	258
7	6	1972	0.0	1700	-35	39.3	115 10.0	11122.3	6.7	258
7	6	1972	0.0	1730	-35	40.0	115 6.0	11125.6	7.1	258
7	6	1972	0.0	1800	-35	40.7	115 1.7	11129.2	7.2	258
7	6	1972	0.0	1900	-35	42.2	114 53.1	11136.4	6.9	258
7	6	1972	0.0	*1918	-35	42.7	114 50.6	11138.4	7.0	252
7	6	1972	0.0	1930	-35	43.1	114 48.9	11139.8	7.0	252
7	6	1972	0.0	2000	-35	44.1	114 44.8	11143.3	6.5	252
7	6	1972	0.0	2030	-35	45.2	114 41.0	11146.6	6.2	251
7	6	1972	0.0	2101	-35	46.1	114 37.3	11149.8	11.4	16
7	6	1972	0.0	2104	-35	45.6	114 37.4	11150.4	11.2	16
7	6	1972	0.0	2200	-35	35.6	114 41.2	11160.8	10.9	17
7	6	1972	0.0	*2216	-35	32.8	114 42.2	11163.7	9.9	7
7	6	1972	0.0	2300	-35	25.6	114 43.3	11171.0	10.0	7
8	6	1972	0.0	*0002	-35	15.3	114 44.8	11181.3	9.4	2
8	6	1972	0.0	0030	-35	11.0	114 45.0	11185.7	8.9	340
8	6	1972	0.0	0100	-35	6.8	114 43.2	11190.2	8.9	340
8	6	1972	0.0	0130	-35	2.6	114 41.4	11194.6	8.7	340
8	6	1972	0.0	0200	-34	58.5	114 39.6	11199.0	8.5	340
8	6	1972	0.0	0230	-34	54.5	114 37.8	11203.2	8.7	340
8	6	1972	0.0	0300	-34	50.4	114 36.0	11207.6	9.0	340
8	6	1972	0.0	0400	-34	41.9	114 32.3	11216.6	9.1	340
8	6	1972	0.0	0500	-34	33.3	114 28.6	11225.7	9.2	340
8	6	1972	0.0	*0526	-34	29.5	114 26.9	11229.7	8.9	340
8	6	1972	0.0	0600	-34	24.8	114 24.9	11234.8	9.3	0
8	6	1972	0.0	0630	-34	20.1	114 25.0	11239.4	9.5	0
8	6	1972	0.0	0718	-34	12.5	114 25.2	11247.0	9.5	0
8	6	1972	0.0	0800	-34	5.8	114 25.3	11253.7	9.5	0
8	6	1972	0.0	0901	-33	56.2	114 25.5	11263.3	9.7	354
8	6	1972	0.0	1000	-33	46.7	114 24.3	11272.8	9.4	0
8	6	1972	0.0	*1008	-33	45.5	114 24.3	11274.1	8.8	359
8	6	1972	0.0	1100	-33	37.9	114 24.1	11281.7	8.9	359

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
8	6	1972	0.0	1200	-33	28.9	114 24.0	11290.6	8.9	359
8	6	1972	0.0	1300	-33	20.0	114 23.8	11299.6	9.2	4
8	6	1972	0.0	1324	-33	16.4	114 24.1	11303.3	8.6	5
8	6	1972	0.0	1430	-33	7.0	114 25.1	11312.7	8.7	5
8	6	1972	0.0	1600	-32	54.0	114 26.4	11325.6	8.7	4
8	6	1972	0.0	*1642	-32	47.9	114 27.1	11331.8	8.8	356
8	6	1972	0.0	1700	-32	45.3	114 26.9	11334.4	8.8	356
8	6	1972	0.0	1800	-32	36.5	114 26.2	11343.2	8.7	356
8	6	1972	0.0	1900	-32	27.8	114 25.6	11352.0	8.6	356
8	6	1972	0.0	2008	-32	18.0	114 24.9	11361.8	8.6	47
8	6	1972	0.0	2130	-32	10.0	114 35.1	11373.5	8.7	47
8	6	1972	0.0	*2132	-32	9.8	114 35.4	11373.8	8.9	41
8	6	1972	0.0	2230	-32	3.4	114 42.1	11382.4	8.6	85
8	6	1972	0.0	*2308	-32	2.9	114 48.4	11387.8	9.2	84
8	6	1972	0.0	2330	-32	2.6	114 52.4	11391.2	9.3	84
9	6	1972	0.0	0103	-32	1.2	115 9.4	11405.7	9.3	82
9	6	1972	0.0	0200	-31	60.0	115 19.7	11414.5	9.0	65
9	6	1972	0.0	0312	-31	55.5	115 31.3	11425.4	7.7	93
9	6	1972	0.0	0340	-31	55.7	115 35.6	11429.0	7.2	137
9	6	1972	0.0	0403	-31	57.7	115 37.8	11431.7	6.0	134
9	6	1972	0.0	0415	-31	58.6	115 38.8	11432.9	5.3	155
9	6	1972	0.0	0445	-32	1.0	115 40.1	11435.6	5.2	159
9	6	1972	0.0	0501	-32	2.3	115 40.7	11437.0	6.1	144
9	6	1972	0.0	0504	-32	2.5	115 40.9	11437.3	4.9	143
9	6	1972	0.0	0514	-32	3.2	115 41.4	11438.1	3.9	100
9	6	1972	0.0	0518	-32	3.2	115 41.7	11438.3	4.6	89
9	6	1972	0.0	0526	-32	3.2	115 42.5	11439.0	3.3	83
9	6	1972	0.0	0529	-32	3.2	115 42.7	11439.1	1.1	44
9	6	1972	0.0	0532	-32	3.2	115 42.7	11439.2	1.7	17
9	6	1972	0.0	0537	-32	3.0	115 42.8	11439.3	0.8	267
9	6	1972	0.0	0550	-32	3.0	115 42.6	11439.5	0.9	235
9	6	1972	0.0	0551	-32	3.0	115 42.5	11439.5		

AY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
20	6	1972	0.0*0204	-32	3.0	115 42.5	0.0	0.8	151	
20	6	1972	0.0	0216	-32	3.2	115 42.6	0.2	2.4	193
20	6	1972	0.0	0219	-32	3.3	115 42.6	0.3	3.2	202
20	6	1972	0.0	0221	-32	3.4	115 42.5	0.4	3.8	232
20	6	1972	0.0	0224	-32	3.5	115 42.4	0.6	6.9	258
20	6	1972	0.0	0231	-32	3.7	115 41.4	1.4	7.8	329
20	6	1972	0.0	0311	-31	59.1	115 38.3	6.6	8.7	297
20	6	1972	0.0	0400	-31	55.9	115 30.9	13.7	9.0	257
20	6	1972	0.0*0430	-31	56.9	115 25.7	18.2	8.8	255	
20	6	1972	0.0	0534	-31	59.3	115 15.1	27.5	5.2	250
20	6	1972	0.0*0626	-32	0.7	115 10.0	32.1	6.1	252	
20	6	1972	0.0	0640	-32	1.2	115 8.4	33.5	9.9	256
20	6	1972	0.0	0700	-32	2.0	115 4.7	36.8	10.0	259
20	6	1972	0.0	0830	-32	4.8	114 47.3	51.8	10.2	259
20	6	1972	0.0	1000	-32	7.7	114 29.6	67.0	10.2	259
20	6	1972	0.0	1130	-32	10.5	114 12.0	82.2	10.1	259
20	6	1972	0.0*1254	-32	13.2	113 55.5	96.4	9.3	261	
20	6	1972	0.0	1302	-32	13.4	113 54.1	97.6	7.6	260
20	6	1972	0.0	1342	-32	14.2	113 48.2	102.7	3.9	256
20	6	1972	0.0	1419	-32	14.8	113 45.4	105.1	7.8	260
20	6	1972	0.0*1548	-32	16.6	113 32.0	116.6	7.9	264	
20	6	1972	0.0	1603	-32	16.8	113 29.7	118.6	9.0	264
20	6	1972	0.0	1800	-32	18.6	113 9.0	136.2	8.9	264
20	6	1972	0.0	2000	-32	20.4	112 48.0	154.0	8.6	264
20	6	1972	0.0	2030	-32	20.9	112 43.0	158.2	8.4	264
20	6	1972	0.0*2044	-32	21.1	112 40.7	160.2	8.8	266	
20	6	1972	0.0	2101	-32	21.2	112 37.7	162.7	8.5	254
20	6	1972	0.0	2114	-32	21.7	112 35.7	164.5	8.2	247
20	6	1972	0.0	2116	-32	21.8	112 35.4	164.8	8.3	254
20	6	1972	0.0	2215	-32	24.0	112 26.1	172.9	7.8	254
20	6	1972	0.0	2318	-32	26.3	112 16.7	181.2	6.5	248
21	6	1972	0.0	0000	-32	28.0	112 11.7	185.7	5.8	248
21	6	1972	0.0	0100	-32	30.1	112 5.3	191.5	5.2	248
21	6	1972	0.0	0230	-32	32.9	111 56.7	199.3	5.4	248
21	6	1972	0.0	0400	-32	35.8	111 47.8	207.4	5.6	248
21	6	1972	0.0	0700	-32	42.0	111 29.2	224.1	5.6	248
21	6	1972	0.0	0730	-32	43.0	111 26.1	226.9	6.9	248
21	6	1972	0.0	0830	-32	45.5	111 18.5	233.9	7.0	248
21	6	1972	0.0*0854	-32	46.6	111 15.4	236.7	6.9	243	
21	6	1972	0.0	1000	-32	50.0	111 7.3	244.3	6.6	243
21	6	1972	0.0	1200	-32	56.0	110 53.3	257.5	6.5	243
21	6	1972	0.0*1212	-32	56.6	110 51.9	258.8	6.6	245	
21	6	1972	0.0	1236	-32	57.7	110 49.0	261.5	6.8	247
21	6	1972	0.0	1300	-32	58.8	110 46.0	264.2	6.7	247
21	6	1972	0.0*1312	-32	59.3	110 44.6	265.5	6.7	249	
21	6	1972	0.0	1400	-33	1.1	110 38.6	270.9	7.1	249
21	6	1972	0.0*1456	-33	3.4	110 31.1	277.5	7.4	250	
21	6	1972	0.0	1600	-33	6.1	110 22.3	285.4	7.9	250
21	6	1972	0.0*1646	-33	8.2	110 15.5	291.5	7.5	248	
21	6	1972	0.0	1800	-33	11.5	110 5.2	300.7	8.0	248
21	6	1972	0.0*1834	-33	13.2	110 0.1	305.2	8.4	249	
21	6	1972	0.0	1930	-33	15.9	109 51.4	313.0	8.7	249
21	6	1972	0.0	2130	-33	21.9	109 31.9	330.4	9.0	249
21	6	1972	0.0*2138	-33	22.3	109 30.6	331.6	9.4	248	
21	6	1972	0.0	2300	-33	26.9	109 16.3	344.4	9.1	248
21	6	1972	0.0*2326	-33	28.4	109 11.9	348.3	9.0	247	
22	6	1972	0.0	0100	-33	33.7	108 56.2	362.4	8.8	247
22	6	1972	0.0*0148	-33	36.4	108 48.4	369.5	8.7	247	
22	6	1972	0.0	0300	-33	40.4	108 36.8	379.9	8.7	247
22	6	1972	0.0*0358	-33	43.6	108 27.4	388.4	8.5	247	
22	6	1972	0.0	0430	-33	45.3	108 22.4	392.9	8.8	247
22	6	1972	0.0	0604	-33	50.6	108 7.0	406.7	8.8	247
22	6	1972	0.0*0628	-33	51.9	108 3.1	410.2	8.8	246	
22	6	1972	0.0	0730	-33	55.5	107 53.0	419.3	8.9	246
22	6	1972	0.0	0900	-34	0.7	107 38.1	432.7	9.1	247
22	6	1972	0.0*0936	-34	2.9	107 32.0	438.2	9.6	246	
22	6	1972	0.0	1130	-34	10.2	107 12.0	456.4	9.4	246
22	6	1972	0.0	1300	-34	15.9	106 56.4	470.5	9.3	246
22	6	1972	0.0*1406	-34	20.0	106 45.0	480.7	9.7	244	
22	6	1972	0.0	1500	-34	23.8	106 35.5	489.5	9.3	244

AY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
22	6	1972	0.0	1600	-34	27.8	106 25.3	498.8	8.8	244
22	6	1972	0.0	1700	-34	31.7	106 15.7	507.6	8.1	243
22	6	1972	0.0*1742	-34	34.2	106 9.5	513.3	7.5	242	
22	6	1972	0.0	1830	-34	37.0	106 3.0	519.3	6.8	241
22	6	1972	0.0	1900	-34	38.7	105 59.4	522.7	6.5	241
22	6	1972	0.0	2028	-34	43.2	105 49.3	532.2	6.6	241
22	6	1972	0.0	2033	-34	43.5	105 48.7	532.7	6.1	240
22	6	1972	0.0*2058	-34	44.7	105 46.0	535.3	6.2	240	
22	6	1972	0.0	2100	-34	44.9	105 45.7	535.5	5.7	239
22	6	1972	0.0	2127	-34	46.2	105 43.1	538.1	4.1	244
22	6	1972	0.0	2216	-34	47.6	105 39.4	541.4	5.9	248
22	6	1972	0.0	2235	-34	48.3	105 37.3	543.3	6.6	249
22	6	1972	0.0	2300	-34	49.3	105 34.2	546.0	6.2	248
22	6	1972	0.0	2330	-34	50.5	105 30.6	549.1	6.5	248
23	6	1972	0.0	0030	-34	52.8	105 23.2	555.7	6.6	248
23	6	1972	0.0*0120	-34	54.8	105 17.0	561.1	6.9	255	
23	6	1972	0.0	0230	-34	56.8	105 7.5	569.2	7.0	255
23	6	1972	0.0	0400	-34	59.5	104 55.2	579.6	7.0	248
23	6	1972	0.0	0430	-35	0.8	104 51.2	583.1	6.7	248
23	6	1972	0.0*0538	-35	3.6	104 42.6	590.7	6.7	247	
23	6	1972	0.0	0630	-35	5.8	104 36.1	596.5	6.5	246
23	6	1972	0.0	0830	-35	10.9	104 21.5	609.5	5.9	246
23	6	1972	0.0*0856	-35	11.9	104 18.6	612.1	5.8	250	
23	6	1972	0.0	1030	-35	15.0	104 8.2	621.1	5.6	250
23	6	1972	0.0*1032	-35	15.1	104 8.0	621.3	5.7	250	
23	6	1972	0.0*1226	-35	18.8	103 55.5	632.1	5.9	250	
23	6	1972	0.0	1230	-35	18.9	103 55.1	632.5	6.2	250
23	6	1972	0.0*1400	-35	22.0	103 44.3	641.8	6.2	250	
23	6	1972	0.0	1430	-35	23.0	103 40.7	644.9	6.5	250
23	6	1972	0.0	1630	-35	27.5	103 25.6	658.0	6.7	250
23	6	1972	0.0	1830	-35	32.0	103 10.2	671.4	6.9	250
23	6	1972	0.0*1842	-35	32.5	103 8.6	672.7	6.9	250	
23	6	1972	0.0	2030	-35	36.6	102 54.2	685.1	7.2	250
23	6	1972	0.0*2148	-35	39.6	102 43.4	694.4	7.3	253	
23	6	1972	0.0	2230	-35	41.1	102 37.3	699.6	7.2	253
24	6	1972	0.0	0030	-35	45.3	102 20.4	714.0	7.1	253
24	6	1972	0.0*0200	-35	48.4	102 7.8	724.6	7.3	248	
24	6	1972	0.0	0400	-35	53.7	101 51.1	739.2	7.4	248
24	6	1972	0.0	0600	-35	59.1	101 34.0	754.0	7.9	248
24	6	1972	0.0*0638	-36	0.9	101 28.2	759.1	7.8	247	
24	6	1972	0.0	0800	-36	5.0	101 16.0	769.7	8.3	247
24	6	1972	0.0*0944	-36	10.4	100 59.6	784.1	7.9	245	
24	6	1972	0.0	1000	-36	11.3	100 57.2	786.2	8.0	245
24	6	1972	0.0*1132	-36	16.3	100 43.3	798.4	8.2	244	
24	6	1972	0.0	1200	-36	18.0	100 39.0	802.3	8.2	244
24	6	1972	0.0*1314	-36	22.4	100 27.7	812.4	8.3	242	
24	6	1972	0.0	1400	-36	25.4	100 20.7	818.8	8.4	243
24	6	1972	0.0	1500	-36	29.2	100 11.4	827.2	8.2	246
24	6	1972	0.0	1600	-36	32.4	100 2.0	835.4	8.4	247
24	6	1972	0.0*1604	-36	32.6	100 1.4	835.9	8.3	255	
24	6	1972	0.0*1752	-36	36.3	99 43.4	850.8	8.7	257	
24	6	1972	0.0	1800	-36	36.6	99 42.0	852.0	8.9	257
24	6	1972	0.0*1940	-36	39.9	99 23.9	866.9	8.8	260	
24	6	1972	0.0	2000	-36	40.4	99 20.3	869.9	8.8	260
24	6	1972	0.0*2054	-36	41.6	99 10.5	877.8	8.7	255	
24	6	1972	0.0	2200	-36	44.0	98 58.9	887.3	8.5	255
24	6	1972	0.0*2238	-36	45.3	98 52.4	892.8	8.6	253	
24	6	1972	0.0	2301	-36	46.2	98 48.4	896.0	8.5	246
24	6	1972	0.0	2330	-36	47.9	98 43.7	900.2	8.4	246
25	6	1972	0.0	0030	-36	51.2	98 34.0	908.6	8.3	246
25	6	1972	0.0*0032	-36	51.3	98 33.7	908.9	8.2	244	
25	6	1972	0.0*0126	-36	54.4	98 25.4	916.3	8.3	246	
25	6	1972	0.0	0200	-36	56.4	98 19.9	921.0	8.2	249
25	6	1972	0.0	0400	-37	2.2	98 0.8	937.4	8.1	249
25	6	1972	0.0*0548	-37	7.3	97 43.8	951.9	7.9	250	
25	6	1972	0.0	0600	-37	7.9	97 41.9	953.5	7.7	250
25	6	1972	0.0	0800	-37	13.1	97 23.8	968.8	7.2	250
25	6	1972	0.0	1000	-37	18.0	97 6.9	983.2	6.8	250
25	6	1972	0.0*1046	-37	19.8	97 0.7	988.4	7.0	252	
25	6	1972	0.0	1200	-37	22.4	96 50.3	997.0	7.1	252

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.	
25	6	1972	0.0*1220	-37 23.1	96 47.5	999.4	7.3	250			
25	6	1972	0.0 1400	-37 27.2	96 33.0	1011.6	7.4	250			
25	6	1972	0.0*1410	-37 27.6	96 31.6	1012.8	7.3	250			
25	6	1972	0.0*1508	-37 29.9	96 23.2	1019.9	7.5	249			
25	6	1972	0.0 1600	-37 32.2	96 15.5	1026.4	7.7	249			
25	6	1972	0.0*1704	-37 35.1	96 5.7	1034.6	7.9	247			
25	6	1972	0.0 1800	-37 38.0	95 57.1	1042.1	8.1	247			
25	6	1972	0.0 2000	-37 44.3	95 38.2	1058.3	8.2	247			
25	6	1972	0.0*2146	-37 50.0	95 21.3	1072.8	8.2	250			
25	6	1972	0.0 2200	-37 50.6	95 19.0	1074.7	8.5	250			
25	6	1972	0.0*2330	-37 54.9	95 3.8	1087.5	8.1	250			
26	6	1972	0.0 0000	-37 56.3	94 58.9	1091.5	8.6	250			
26	6	1972	0.0*0118	-38 0.0	94 45.6	1102.7	8.6	254			
26	6	1972	0.0 0200	-38 1.6	94 38.3	1108.7	8.7	254			
26	6	1972	0.0*0212	-38 2.0	94 36.1	1110.4	8.5	250			
26	6	1972	0.0 0400	-38 7.1	94 17.8	1125.7	8.5	250			
26	6	1972	0.0*0402	-38 7.2	94 17.5	1126.0	8.6	249			
26	6	1972	0.0 0600	-38 13.2	93 57.3	1143.0	9.1	249			
26	6	1972	0.0 0800	-38 19.6	93 35.6	1161.2	9.1	249			
26	6	1972	0.0*0944	-38 25.1	93 16.6	1177.0	8.8	249			
26	6	1972	0.0 1000	-38 26.0	93 13.8	1179.3	9.1	249			
26	6	1972	0.0*1126	-38 30.6	92 58.2	1192.4	9.2	248			
26	6	1972	0.0 1200	-38 32.5	92 52.0	1197.7	9.2	248			
26	6	1972	0.0*1314	-38 36.8	92 38.5	1209.0	9.5	247			
26	6	1972	0.0 1400	-38 39.6	92 29.9	1216.3	9.4	247			
26	6	1972	0.0*1416	-38 40.5	92 26.9	1218.8	9.4	246			
26	6	1972	0.0 1600	-38 47.0	92 7.8	1235.1	9.3	246			
26	6	1972	0.0*1700	-38 50.7	91 56.8	1244.4	9.4	247			
26	6	1972	0.0 1800	-38 54.3	91 45.6	1253.8	9.5	247			
26	6	1972	0.0*1948	-39 0.9	91 25.2	1271.0	9.3	246			
26	6	1972	0.0 2000	-39 1.6	91 23.0	1272.9	9.3	246			
26	6	1972	0.0 2200	-39 9.0	91 1.0	1291.5	9.4	246			
26	6	1972	0.0*2234	-39 11.1	90 54.7	1296.8	9.6	247			
27	6	1972	0.0 0000	-39 16.5	90 38.3	1310.6	9.4	247			
27	6	1972	0.0*0020	-39 17.7	90 34.5	1313.8	9.4	245			
27	6	1972	0.0 0200	-39 24.2	90 16.1	1329.4	8.9	245			
27	6	1972	0.0*0312	-39 28.7	90 3.5	1340.1	9.0	244			
27	6	1972	0.0 0400	-39 31.9	89 55.1	1347.4	8.4	243			
27	6	1972	0.0 0600	-39 39.4	89 35.5	1364.2	7.3	252			
27	6	1972	0.0 0630	-39 40.5	89 31.0	1367.9	7.0	252			
27	6	1972	0.0 0800	-39 43.6	89 18.0	1378.4	6.8	252			
27	6	1972	0.0 1000	-39 47.8	89 1.2	1391.9	7.4	252			
27	6	1972	0.0*1032	-39 49.0	88 56.3	1395.9	7.3	252			
27	6	1972	0.0 1111	-39 50.4	88 50.3	1400.7	5.1	271			
27	6	1972	0.0 1114	-39 50.4	88 50.0	1400.9	7.7	253			
27	6	1972	0.0 1200	-39 52.1	88 42.7	1406.8	7.5	253			
27	6	1972	0.0*1218	-39 52.7	88 39.9	1409.0	7.9	251			
27	6	1972	0.0 1400	-39 56.9	88 23.3	1422.4	7.9	251			
27	6	1972	0.0 1600	-40 1.9	88 3.8	1438.2	4.5	245			
27	6	1972	0.0*1606	-40 2.0	88 3.2	1438.7	4.4	248			
27	6	1972	0.0 1613	-40 2.2	88 2.6	1439.2	0.9	170	START	1	
27	6	1972	0.0*1658	-40 2.9	88 2.7	1439.8	0.7	148		1	
27	6	1972	0.0*1856	-40 4.0	88 3.6	1441.2	0.4	103		1	
27	6	1972	0.0 2008	-40 4.1	88 4.2	1441.6	4.6	182	END	1	
27	6	1972	0.0 2030	-40 5.8	88 4.1	1443.3	4.7	182			
27	6	1972	0.0 2055	-40 7.8	88 4.0	1445.3	8.0	184			
27	6	1972	0.0 2130	-40 12.4	88 3.5	1449.9	7.8	184			
27	6	1972	0.0*2140	-40 13.7	88 3.4	1451.3	8.0	186			
27	6	1972	0.0 2200	-40 16.4	88 3.0	1453.9	8.6	186			
27	6	1972	0.0*2354	-40 32.6	88 0.7	1470.3	9.0	183			
28	6	1972	0.0 0030	-40 38.0	88 0.3	1475.6	9.5	183			
28	6	1972	0.0 0200	-40 52.2	87 59.2	1489.8	9.6	183			
28	6	1972	0.0*0220	-40 55.4	87 58.9	1493.0	9.3	183			
28	6	1972	0.0 0301	-41 1.7	87 58.5	1499.4	9.2	187			
28	6	1972	0.0 0430	-41 15.2	87 56.0	1513.0	9.2	188			
28	6	1972	0.0*0510	-41 21.2	87 54.9	1519.1	9.0	187			
28	6	1972	0.0 0630	-41 33.1	87 52.8	1531.0	9.0	187			
28	6	1972	0.0*0656	-41 36.9	87 52.1	1534.9	9.0	190			
28	6	1972	0.0 0830	-41 50.8	87 48.8	1549.0	9.0	190			
28	6	1972	0.0 0918	-41 57.9	87 47.2	1556.2	5.4	188			

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.	
28	6	1972	0.0 0928	-41 58.8	87 47.0	1557.1	0.4	74	START	2	
28	6	1972	0.0*0942	-41 58.7	87 47.1	1557.2	0.8	4		2	
28	6	1972	0.0*1152	-41 57.0	87 47.3	1558.9	0.7	38		2	
28	6	1972	0.0*1332	-41 56.0	87 48.3	1560.1	0.3	82		2	
28	6	1972	0.0 1350	-41 56.0	87 48.4	1560.2	5.2	186	END	2	
28	6	1972	0.0 1412	-41 57.9	87 48.1	1562.2	9.0	188			
28	6	1972	0.0*1420	-41 59.1	87 47.9	1563.4	8.9	188			
28	6	1972	0.0*1516	-42 7.4	87 46.2	1571.7	8.9	187			
28	6	1972	0.0 1600	-42 13.8	87 45.2	1578.2	9.0	187			
28	6	1972	0.0*1704	-42 23.3	87 43.5	1587.8	9.0	187			
28	6	1972	0.0 1800	-42 31.7	87 42.0	1596.2	9.1	187			
28	6	1972	0.0*1954	-42 48.9	87 38.9	1613.5	9.2	185			
28	6	1972	0.0 2000	-42 49.8	87 38.8	1614.5	9.2	185			
28	6	1972	0.0*2116	-43 1.3	87 37.3	1626.0	9.2	185			
28	6	1972	0.0 2200	-43 8.0	87 36.5	1632.8	9.3	185			
28	6	1972	0.0*2230	-43 12.6	87 36.0	1637.4	9.2	181			
28	6	1972	0.0 2257	-43 16.8	87 35.8	1641.5	4.5	218			
28	6	1972	0.0 2258	-43 16.9	87 35.8	1641.6	9.3	181			
29	6	1972	0.0 0000	-43 26.4	87 35.5	1651.2	9.3	181			
29	6	1972	0.0*0130	-43 40.4	87 35.0	1665.2	9.8	181			
29	6	1972	0.0 0230	-43 50.2	87 34.7	1675.0	9.6	181			
29	6	1972	0.0 0413	-44 6.7	87 34.1	1691.5	5.3	15			
29	6	1972	0.0 0426	-44 5.6	87 34.5	1692.6	1.5	109	START	3	
29	6	1972	0.0*0504	-44 5.9	87 35.7	1693.5	0.9	119		3	
29	6	1972	0.0 0548	-44 6.2	87 36.6	1694.2	8.6	5		3	
29	6	1972	0.0 0609	-44 3.2	87 37.0	1697.2	0.9	119		3	
29	6	1972	0.0 0853	-44 4.5	87 40.1	1699.8	5.5	195	END	3	
29	6	1972	0.0 0937	-44 8.4	87 38.6	1703.8	8.8	198			
29	6	1972	0.0 0957	-44 11.2	87 37.3	1706.8	7.1	228			
29	6	1972	0.0 1000	-44 11.4	87 36.9	1707.1	9.0	199			
29	6	1972	0.0*1104	-44 20.5	87 32.5	1716.8	8.6	199			
29	6	1972	0.0 1200	-44 28.1	87 28.9	1724.8	8.4	198			
29	6	1972	0.0*1216	-44 30.2	87 27.9	1727.0	8.5	199			
29	6	1972	0.0 1400	-44 44.1	87 20.9	1741.8	8.3	199			
29	6	1972	0.0*1428	-44 47.8	87 19.0	1745.6	8.5	199			
29	6	1972	0.0*1514	-44 53.9	87 15.9	1752.2	8.6	203			
29	6	1972	0.0 1546	-44 58.1	87 13.4	1756.7	4.6	201			
29	6	1972	0.0 1556	-44 58.8	87 13.0	1757.5	0.3	131	START	4	
29	6	1972	0.0*1614	-44 58.9	87 13.1	1757.6	0.3	199		4	
29	6	1972	0.0*1718	-44 59.1	87 13.0	1757.9	0.8	254		4	
29	6	1972	0.0*1802	-44 59.3	87 12.1	1758.5	0.3	92		4	
29	6	1972	0.0*1906	-44 59.3	87 12.5	1758.8	0.5	85		4	
29	6	1972	0.0 1928	-44 59.3	87 12.8	1758.9	4.4	196	END	4	
29	6	1972	0.0 1945	-45 0.5	87 12.2	1760.2	7.8	199			
29	6	1972	0.0 2100	-45 9.7	87 7.8	1769.9	8.0	199			
29	6	1972	0.0 2200	-45 17.2	87 4.1	1777.9	8.2	199			
29	6	1972	0.0*2214	-45 19.0	87 3.2	1779.8	8.5	199			
29	6	1972	0.0 2258	-45 24.9	87 0.3	1786.0	8.2	232			
29	6	1972	0.0 2300	-45 25.1	86 60.0	1786.3	8.1	198			
30	6	1972	0.0*0000	-45 32.7	86 56.2	1794.4	7.8	194			
30	6	1972	0.0 0200	-45 47.8	86 50.5	1810.0	7.9	194			
30	6	1972	0.0*0222	-45 50.6	86 49.5	1812.8	7.7	193			
30	6	1972	0.0 0331	-45 59.2	86 46.6	1821.7	4.6	187			
30	6	1972	0.0 0344	-46 0.2	86 46.4	1822.7	1.2	100	START	5	
30	6	1972	0.0*0412	-46 0.3	86 47.2	1823.3	0.3	86		5	
30	6	1972	0.0*0526	-46 0.3	86 47.8	1823.7	0.3	104		5	
30	6	1972	0.0 1013	-46 0.7	86 50.0	1825.3	4.0	198	END	5	
30	6	1972	0.0*1018	-46 1.0	86 49.8	1825.6	3.6	180			
30	6	1972	0.0 1024	-46 1.4	86 49.8	1826.0	5.6	188			
30	6	1972	0.0 1200	-46 10.3	86 47.8	1835.0	5.8	189			
30	6	1972	0.0*1202	-46 10.5	86 47.8	1835.2	6.0	188			
30	6	1972	0.0 1400	-46 22.1	86 45.4	1846.9	6.3	188			
30	6	1972	0.0 1430	-46 25.2	86 44.6	1850.1	5.7	187			
30	6	1972	0.0 1500	-46 28.0	86 44.1	1852.9	4.4	202			
30	6	1972	0.0 1530	-46 30.1	86 42.9	1855.1	4.0	201			
30	6	1972	0.0 1600	-46 31.9	86 41.8	1857.2	4.1	201			
30	6	1972	0.0*1630	-46 33.8	86 40.7	1859.2	4.6	204			
30	6	1972	0.0 1800	-46 40.1	86 36.6	1866.0	4.5	195			
30	6	1972	0.0 2000	-46 48.8	86 33.2	1875.1	4.8	196			
30	6	1972	0.0*2004	-46 49.1	86 33.0	1875.4	4.9	191			

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION	NO.
30	6	1972	0.0	2200	-46 58.4	86 30.2	1884.8	4.5	190		
30	6	1972	0.0	2224	-47 0.1	86 29.7	1886.6	4.7	194		
30	6	1972	0.0	2230	-47 0.6	86 29.6	1887.1	1.4	114	START	6
30	6	1972	0.0	2310	-47 0.9	86 30.8	1888.0	1.1	155		6
1	7	1972	0.0	0012	-47 2.0	86 31.5	1889.1	1.2	101		6
1	7	1972	0.0	0058	-47 2.2	86 32.9	1890.1	0.8	154		6
1	7	1972	0.0	0132	-47 2.5	86 33.1	1890.5	1.2	126		6
1	7	1972	0.0	0223	-47 3.1	86 34.3	1891.5	4.5	195	END	6
1	7	1972	0.0	0300	-47 5.8	86 33.2	1894.3	5.1	197		
1	7	1972	0.0	0434	-47 13.5	86 29.8	1902.3	4.9	200		
1	7	1972	0.0	0500	-47 15.5	86 28.7	1904.5	5.2	200		
1	7	1972	0.0	0600	-47 20.4	86 26.0	1909.6	5.5	201		
1	7	1972	0.0	0618	-47 21.9	86 25.1	1911.3	5.8	197		
1	7	1972	0.0	0800	-47 31.2	86 20.7	1921.1	5.8	197		
1	7	1972	0.0	0932	-47 39.7	86 16.7	1930.0	6.0	197		
1	7	1972	0.0	1000	-47 42.4	86 15.4	1932.8	6.0	197		
1	7	1972	0.0	1028	-47 45.1	86 14.1	1935.6	6.5	197		
1	7	1972	0.0	1200	-47 54.6	86 9.5	1945.6	6.9	198		
1	7	1972	0.0	1255	-48 0.6	86 6.5	1952.0	4.6	192		
1	7	1972	0.0	1302	-48 1.1	86 6.3	1952.5	4.0	196		
1	7	1972	0.0	1308	-48 1.5	86 6.2	1952.9	1.1	145	START	7
1	7	1972	0.0	1706	-48 5.0	86 9.8	1957.2	0.8	154		7
1	7	1972	0.0	1912	-48 6.6	86 10.9	1958.9	1.3	140		7
1	7	1972	0.0	2123	-48 8.8	86 13.6	1961.7	4.9	197	END	7
1	7	1972	0.0	2136	-48 9.8	86 13.1	1962.8	7.9	203		
1	7	1972	0.0	2200	-48 12.7	86 11.2	1965.9	8.0	203		
1	7	1972	0.0	2222	-48 15.4	86 9.5	1968.9	7.8	205		
2	7	1972	0.0	0000	-48 26.9	86 1.0	1981.7	8.0	206		
2	7	1972	0.0	0104	-48 34.6	85 55.4	1990.3	7.8	206		
2	7	1972	0.0	0200	-48 41.1	85 50.5	1997.5	7.9	206		
2	7	1972	0.0	0224	-48 44.0	85 48.4	2000.7	8.1	206		
2	7	1972	0.0	0346	-48 53.9	85 40.8	2011.8	8.2	208		
2	7	1972	0.0	0400	-48 55.5	85 39.4	2013.7	7.6	208		
2	7	1972	0.0	0416	-48 57.3	85 37.9	2015.7	4.8	206		
2	7	1972	0.0	0431	-48 58.4	85 37.1	2016.9	0.6	152	START	8
2	7	1972	0.0	0536	-48 59.0	85 37.5	2017.6	0.5	229		8
2	7	1972	0.0	0602	-48 59.1	85 37.3	2017.8	1.0	124		8
2	7	1972	0.0	0824	-49 0.4	85 40.2	2020.1	4.7	202	END	8
2	7	1972	0.0	0835	-49 1.2	85 39.7	2021.0	7.6	207		
2	7	1972	0.0	0900	-49 4.0	85 37.5	2024.1	7.3	205		
2	7	1972	0.0	0917	-49 5.9	85 36.1	2026.2	4.8	201		
2	7	1972	0.0	0934	-49 7.2	85 35.4	2027.6	4.3	197		
2	7	1972	0.0	0943	-49 7.8	85 35.1	2028.2	0.9	340		
2	7	1972	0.0	0946	-49 7.7	85 35.0	2028.3	5.1	202		
2	7	1972	0.0	0953	-49 8.3	85 34.7	2028.9	6.9	205		
2	7	1972	0.0	1100	-49 15.2	85 29.7	2036.5	6.9	205		
2	7	1972	0.0	1118	-49 17.1	85 28.3	2038.6	7.2	201		
2	7	1972	0.0	1147	-49 20.3	85 26.4	2042.1	8.2	192		
2	7	1972	0.0	1200	-49 22.1	85 25.8	2043.8	8.2	192		
2	7	1972	0.0	1214	-49 23.9	85 25.1	2045.8	7.9	193		
2	7	1972	0.0	1232	-49 26.2	85 24.3	2048.1	9.3	150		
2	7	1972	0.0	1236	-49 26.8	85 24.8	2048.8	7.4	192		
2	7	1972	0.0	1400	-49 36.8	85 21.4	2059.0	5.7	188		
2	7	1972	0.0	1600	-49 48.2	85 18.9	2070.5	4.9	185		
2	7	1972	0.0	1616	-49 49.4	85 18.7	2071.8	4.1	189		
2	7	1972	0.0	1800	-49 56.4	85 16.9	2078.8	3.5	187		
2	7	1972	0.0	1836	-49 58.5	85 16.5	2080.9	1.5	200		
2	7	1972	0.0	1858	-49 59.0	85 16.2	2081.5	1.6	68	START	9
2	7	1972	0.0	2040	-49 58.0	85 20.1	2084.2	2.7	181	END	9
2	7	1972	0.0	2100	-49 58.9	85 20.1	2085.0	4.7	191		
2	7	1972	0.0	2132	-50 1.3	85 19.3	2087.6	4.8	196		
2	7	1972	0.0	2200	-50 3.5	85 18.3	2089.8	5.6	197		
2	7	1972	0.0	2318	-50 10.4	85 14.9	2097.1	6.6	200		
3	7	1972	0.0	0000	-50 14.8	85 12.4	2101.7	7.4	201		
3	7	1972	0.0	0008	-50 15.7	85 11.8	2102.7	6.8	197		
3	7	1972	0.0	0156	-50 27.4	85 6.2	2115.0	7.1	197		
3	7	1972	0.0	0200	-50 27.9	85 5.9	2115.5	7.0	196		
3	7	1972	0.0	0216	-50 29.6	85 5.1	2117.3	7.7	192		
3	7	1972	0.0	0320	-50 37.6	85 2.3	2125.5	7.6	194		
3	7	1972	0.0	0400	-50 42.6	85 0.4	2130.6	7.9	194		

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION	NO.
3	7	1972	0.0	0600	-50 57.8	84 54.2	2146.3	7.7	194		
3	7	1972	0.0	0618	-51 0.1	84 53.3	2148.7	4.8	190		
3	7	1972	0.0	0630	-51 1.0	84 53.0	2149.6	0.9	85	START	10
3	7	1972	0.0	0942	-51 0.8	84 57.4	2152.4	0.5	36		10
3	7	1972	0.0	1210	-50 59.8	84 58.6	2153.7	0.2	22		10
3	7	1972	0.0	1340	-50 59.6	84 58.7	2153.9	0.5	62		10
3	7	1972	0.0	1357	-50 59.5	84 58.9	2154.0	4.3	195	END	10
3	7	1972	0.0	1409	-51 0.3	84 58.6	2154.9	8.9	197		
3	7	1972	0.0	1446	-51 5.5	84 55.9	2160.4	9.0	197		
3	7	1972	0.0	1520	-51 10.4	84 53.5	2165.5	8.4	196		
3	7	1972	0.0	1548	-51 14.2	84 51.7	2169.4	9.1	192		
3	7	1972	0.0	1600	-51 16.0	84 51.1	2171.2	9.8	192		
3	7	1972	0.0	1732	-51 30.6	84 45.7	2186.2	10.8	194		
3	7	1972	0.0	1800	-51 35.5	84 43.7	2191.3	10.7	194		
3	7	1972	0.0	1920	-51 49.3	84 38.1	2205.6	10.2	195		
3	7	1972	0.0	2000	-51 55.9	84 35.1	2212.4	10.0	195		
3	7	1972	0.0	2032	-52 1.0	84 32.7	2217.7	5.5	192		
3	7	1972	0.0	2048	-52 2.4	84 32.2	2219.2	1.2	160	START	11
3	7	1972	0.0	2236	-52 4.4	84 33.4	2221.2	0.5	215		11
4	7	1972	0.0	0016	-52 5.0	84 32.6	2222.0	0.6	201		11
4	7	1972	0.0	0100	-52 5.4	84 32.4	2222.5	0.5	201		11
4	7	1972	0.0	0150	-52 5.8	84 32.1	2222.9	5.3	200	END	11
4	7	1972	0.0	0212	-52 7.6	84 31.0	2224.8	9.4	200		
4	7	1972	0.0	0228	-52 10.0	84 29.6	2227.3	9.6	199		
4	7	1972	0.0	0230	-52 10.3	84 29.5	2227.6	9.0	199		
4	7	1972	0.0	0400	-52 23.0	84 22.2	2241.1	9.0	199		
4	7	1972	0.0	0440	-52 28.7	84 18.9	2247.1	8.6	199		
4	7	1972	0.0	0503	-52 31.8	84 17.1	2250.4	9.2	194		
4	7	1972	0.0	0600	-52 40.3	84 13.6	2259.2	9.3	194		
4	7	1972	0.0	0630	-52 44.8	84 11.7	2263.8	8.9	194		
4	7	1972	0.0	0800	-52 57.7	84 6.2	2277.2	8.5	188		
4	7	1972	0.0	1000	-53 14.6	84 2.1	2294.3	9.1	188		
4	7	1972	0.0	1038	-53 20.3	84 0.7	2300.0	9.2	188		
4	7	1972	0.0	1114	-53 25.7	83 59.3	2305.5	9.6	199		
4	7	1972	0.0	1200	-53 32.7	83 55.3	2312.8	9.4	199		
4	7	1972	0.0	1316	-53 43.9	83 48.7	2324.8	4.2	198		
4	7	1972	0.0	1327	-53 44.7	83 48.3	2325.5	0.2	144	START	12
4	7	1972	0.0	1434	-53 44.8	83 48.5	2325.7	0.9	93		12
4	7	1972	0.0	1620	-53 44.9	83 51.0	2327.2	0.5	93		12
4	7	1972	0.0	1732	-53 44.9	83 52.0	2327.8	0.8	97		12
4	7	1972	0.0	1836	-53 45.0	83 53.5	2328.7	0.6	86		12
4	7	1972	0.0	2028	-53 45.0	83 55.4	2329.8	5.3	196	END	12
4	7	1972	0.0	2049	-53 46.8	83 54.5	2331.7	8.6	198		
4	7	1972	0.0	2140	-53 53.7	83 50.6	2338.9	9.1	199		
4	7	1972	0.0	2200	-53 56.5	83 48.9	2342.0	8.2	199		
4	7	1972	0.0	2218	-53 58.9	83 47.5	2344.4	7.8	202		
5	7	1972	0.0	0000	-54 11.1	83 39.0	2357.7	7.1	202		
5	7	1972	0.0	0002	-54 11.3	83 38.9	2357.9	7.2	206		
5	7	1972	0.0	0150	-54 23.0	83 29.1	2370.9	7.3	207		
5	7	1972	0.0	0200	-54 24.1	83 28.1	2372.1	7.1	207		
5	7	1972	0.0	0230	-54 27.2	83 25.3	2375.6	7.1	197		
5	7	1972	0.0	0400	-54 37.3	83 19.8	2386.3	7.4	197		
5	7	1972	0.0	0454	-54 43.6	83 16.3	2392.9	7.4	192		
5	7	1972	0.0	0517	-54 46.4	83 15.3	2395.7	7.7	192		
5	7	1972	0.0	0546	-54 50.0	83 13.9	2399.4	7.7	193		
5	7	1972	0.0	0600	-54 51.8	83 13.2	2401.2	7.9	193		
5	7	1972	0.0	0638	-54 56.7	83 11.2	2406.3	7.7	194		
5	7	1972	0.0	0702	-54 59.7	83 9.9	2409.4	4.4	196		
5	7	1972	0.0	0714	-55 0.5	83 9.5	2410.2	0.4	324	START	13
5	7	1972	0.0	0842	-55 0.0	83 8.9	2410.8	0.5	35		13
5	7	1972	0.0	0952	-54 59.6	83 9.5	2411.4	0.6	289		13
5	7	1972	0.0	1059	-54 59.3	83 8.4	2412.1	4.8	202	END	13
5	7	1972	0.0	1120	-55 0.9	83 7.4	2413.7	8.7	198		
5	7	1972	0.0	1155	-55 5.7	83 4.5	2418.8	9.2	198		
5	7	1972	0.0	1208	-55 7.6	83 3.4	2420.8	9.2	196		
5	7	1972	0.0	1230	-55 10.9	83 1.7	2424.2	9.4	196		
5	7	1972	0.0	1310	-55 16.8	82 58.6	2430.5	9.4	195		
5	7	1972	0.0	1330	-55 19.9	82 57.1	2433.6	9.4	195		
5	7	1972	0.0	1439	-55 30.4	82 52.2	2444.5	9.6	190		
5	7	1972	0.0	1454	-55 32.7	82 51.4	2446.9	9.6	190		

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION	NO.
5	7	1972	0.0*1554	-55	42.2	82 48.4	2456.5	9.7	191		
5	7	1972	0.0	1630	-55	47.9	82 46.4	2462.3	9.6	191	
5	7	1972	0.0*1646	-55	50.4	82 45.5	2464.9	9.5	190		
5	7	1972	0.0	1800	-56	2.0	82 41.8	2476.6	9.1	190	
5	7	1972	0.0	1902	-56	11.2	82 38.8	2486.0	5.1	190	
5	7	1972	0.0	1914	-56	12.2	82 38.5	2487.0	0.1	336	START 14
5	7	1972	0.0*1926	-56	12.2	82 38.5	2487.1	0.5	298		14
5	7	1972	0.0*2052	-56	11.9	82 37.4	2487.7	0.6	300		14
5	7	1972	0.0*2120	-56	11.8	82 37.0	2488.0	0.6	312		14
5	7	1972	0.0*2238	-56	11.3	82 36.0	2488.8	0.4	336		14
6	7	1972	0.0*0028	-56	10.5	82 35.4	2489.6	0.3	17		14
6	7	1972	0.0*0122	-56	10.3	82 35.5	2489.8	0.3	73		14
6	7	1972	0.0	0128	-56	10.3	82 35.6	2489.9	6.1	191	END 14
6	7	1972	0.0	0137	-56	11.1	82 35.2	2490.8	5.4	191	
6	7	1972	0.0*0230	-56	15.9	82 33.5	2495.6	5.4	191		
6	7	1972	0.0*0306	-56	19.0	82 32.4	2498.8	5.7	190		
6	7	1972	0.0	0337	-56	21.9	82 31.4	2501.8	9.6	191	
6	7	1972	0.0*0406	-56	26.5	82 29.7	2506.4	9.7	191		
6	7	1972	0.0	0600	-56	44.5	82 23.0	2524.8	9.7	191	
6	7	1972	0.0	0800	-57	3.6	82 15.9	2544.3	9.4	197	
6	7	1972	0.0*0906	-57	13.4	82 10.2	2554.6	9.2	196		
6	7	1972	0.0	0932	-57	17.2	82 8.1	2558.6	6.8	268	
6	7	1972	0.0	0935	-57	17.2	82 7.5	2558.9	8.9	196	
6	7	1972	0.0	1000	-57	20.8	82 5.6	2562.6	8.9	196	
6	7	1972	0.0	1051	-57	28.1	82 1.7	2570.2	9.5	91	
6	7	1972	0.0	1202	-57	28.3	82 22.7	2581.5	5.1	91	
6	7	1972	0.0	1217	-57	28.3	82 25.1	2582.8	0.6	105	START 15
6	7	1972	0.0*1408	-57	28.6	82 27.1	2583.9	0.7	251		15
6	7	1972	0.0*1554	-57	29.0	82 24.9	2585.2	0.6	238		15
6	7	1972	0.0	1646	-57	29.3	82 24.1	2585.6	4.7	131	END 15
6	7	1972	0.0*1652	-57	29.6	82 24.8	2586.1	5.2	117		
6	7	1972	0.0	1702	-57	30.0	82 26.2	2587.0	9.3	121	
6	7	1972	0.0	1800	-57	34.6	82 40.6	2596.0	9.3	121	
6	7	1972	0.0*1838	-57	37.7	82 50.0	2601.9	9.0	121		
6	7	1972	0.0	1945	-57	42.9	83 6.0	2611.9	8.6	121	
6	7	1972	0.0	2013	-57	45.0	83 12.4	2615.9	4.7	118	
6	7	1972	0.0	2019	-57	45.2	83 13.2	2616.4	6.1	119	
6	7	1972	0.0*2026	-57	45.6	83 14.3	2617.1	6.2	125		
6	7	1972	0.0	2029	-57	45.7	83 14.8	2617.4	7.6	125	
6	7	1972	0.0	2055	-57	47.6	83 19.8	2620.7	6.9	125	
6	7	1972	0.0	2108	-57	48.5	83 22.1	2622.2	6.9	0	
6	7	1972	0.0	2136	-57	45.3	83 22.1	2625.4	4.9	269	
6	7	1972	0.0*2148	-57	45.3	83 20.3	2626.4	5.4	267		
6	7	1972	0.0	2200	-57	45.3	83 18.3	2627.5	6.9	267	
6	7	1972	0.0	2207	-57	45.4	83 16.8	2628.3	9.1	268	
6	7	1972	0.0	2220	-57	45.4	83 13.1	2630.2	8.0	311	
6	7	1972	0.0	2300	-57	41.9	83 5.6	2635.5	8.0	311	
6	7	1972	0.0	2347	-57	37.8	82 56.8	2641.8	8.7	268	
7	7	1972	0.0	0030	-57	38.0	82 45.2	2648.0	9.4	268	
7	7	1972	0.0*0036	-57	38.0	82 43.4	2649.0	9.6	267		
7	7	1972	0.0	0050	-57	38.1	82 39.2	2651.2	8.1	309	
7	7	1972	0.0*0122	-57	35.4	82 33.1	2655.5	8.4	311		
7	7	1972	0.0*0144	-57	33.4	82 28.8	2658.6	8.2	314		
7	7	1972	0.0	0200	-57	31.8	82 25.9	2660.8	8.6	270	
7	7	1972	0.0*0218	-57	31.8	82 21.0	2663.3	8.9	270		
7	7	1972	0.0*0318	-57	31.7	82 4.5	2672.2	9.2	267		
7	7	1972	0.0	0400	-57	32.0	81 52.5	2678.7	9.6	267	
7	7	1972	0.0*0504	-57	32.5	81 33.5	2688.9	9.4	267		
7	7	1972	0.0	0534	-57	32.8	81 24.7	2693.6	8.1	309	
7	7	1972	0.0*0556	-57	30.9	81 20.4	2696.6	8.2	311		
7	7	1972	0.0	0600	-57	30.5	81 19.7	2697.1	8.1	311	
7	7	1972	0.0	0630	-57	27.8	81 14.0	2701.2	8.8	267	
7	7	1972	0.0	0648	-57	27.9	81 9.0	2703.8	5.7	309	
7	7	1972	0.0	0802	-57	23.5	80 58.9	2710.9	7.7	310	
7	7	1972	0.0	0830	-57	21.1	80 53.9	2714.5	8.5	267	
7	7	1972	0.0	1000	-57	21.6	80 30.2	2727.3	8.5	267	
7	7	1972	0.0	1030	-57	21.8	80 22.3	2731.5	9.0	267	
7	7	1972	0.0*1144	-57	22.2	80 1.8	2742.6	9.4	265		
7	7	1972	0.0	1200	-57	22.4	79 57.2	2745.1	9.6	265	
7	7	1972	0.0*1348	-57	23.9	79 25.2	2762.4	9.2	267		

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION	NO.
7	7	1972	0.0	1400	-57	24.0	79 21.8	2764.2	9.1	267	
7	7	1972	0.0*1504	-57	24.4	79 3.8	2773.9	9.2	269		
7	7	1972	0.0	1600	-57	24.4	78 47.8	2782.6	8.6	269	
7	7	1972	0.0*1602	-57	24.4	78 47.2	2782.8	8.9	269		
7	7	1972	0.0*1654	-57	24.4	78 32.9	2790.6	8.5	267		
7	7	1972	0.0*1750	-57	24.8	78 18.2	2798.5	8.4	268		
7	7	1972	0.0	1800	-57	24.8	78 15.6	2799.9	7.9	268	
7	7	1972	0.0	1930	-57	25.3	77 53.5	2811.8	7.9	268	
7	7	1972	0.0	2001	-57	25.4	77 46.0	2815.9	5.3	93	
7	7	1972	0.0	2006	-57	25.4	77 46.8	2816.3	5.0	93	
7	7	1972	0.0	2027	-57	25.5	77 50.1	2818.1	0.4	226	START 16
7	7	1972	0.0*2100	-57	25.7	77 49.7	2818.3	0.5	138		16
7	7	1972	0.0	2131	-57	25.9	77 50.0	2818.5	7.3	92	16
7	7	1972	0.0	2139	-57	25.9	77 51.8	2819.5	0.5	138	16
7	7	1972	0.0*2348	-57	26.6	77 53.1	2820.5	0.6	224		16
8	7	1972	0.0	0011	-57	26.8	77 52.8	2820.7	5.3	261	END 16
8	7	1972	0.0	0026	-57	27.0	77 50.4	2822.0	9.0	262	
8	7	1972	0.0	0200	-57	28.8	77 24.4	2836.1	9.1	262	
8	7	1972	0.0*0316	-57	30.2	77 3.2	2847.6	9.1	261		
8	7	1972	0.0	0400	-57	31.2	76 51.0	2854.2	9.2	261	
8	7	1972	0.0*0506	-57	32.7	76 32.4	2864.3	9.1	265		
8	7	1972	0.0	0600	-57	33.2	76 17.2	2872.5	9.1	265	
8	7	1972	0.0	0648	-57	33.8	76 3.8	2879.7	9.3	314	
8	7	1972	0.0	0701	-57	32.3	76 1.0	2881.7	9.2	357	
8	7	1972	0.0	0717	-57	29.9	76 0.9	2884.2	6.1	356	
8	7	1972	0.0	0732	-57	28.4	76 0.7	2885.7	9.1	357	
8	7	1972	0.0*0744	-57	26.6	76 0.6	2887.5	9.6	357		
8	7	1972	0.0	0930	-57	9.5	75 59.2	2904.6	9.1	315	
8	7	1972	0.0	0932	-57	9.3	75 58.8	2904.9	5.8	316	
8	7	1972	0.0	0944	-57	8.5	75 57.3	2906.0	9.4	315	
8	7	1972	0.0	1201	-56	53.1	75 29.7	2927.5	9.5	273	
8	7	1972	0.0*1256	-56	52.5	75 13.9	2936.2	9.8	270		
8	7	1972	0.0	1400	-56	52.5	74 54.9	2946.6	9.8	270	
8	7	1972	0.0*1416	-56	52.5	74 50.1	2949.2	9.8	270		
8	7	1972	0.0*1444	-56	52.4	74 41.7	2953.8	9.4	268		
8	7	1972	0.0*1514	-56	52.5	74 33.2	2958.4	9.0	269		
8	7	1972	0.0	1530	-56	52.6	74 28.8	2960.8	7.0	90	
8	7	1972	0.0	1534	-56	52.6	74 29.6	2961.3	4.5	90	
8	7	1972	0.0	1549	-56	52.6	74 31.7	2962.4	7.5	90	
8	7	1972	0.0	1555	-56	52.6	74 33.1	2963.2	2.3	138	
8	7	1972	0.0	1600	-56	52.7	74 33.3	2963.4	0.1	105	START 17
8	7	1972	0.0*1636	-56	52.7	74 33.4	2963.4	1.1	333		17
8	7	1972	0.0*1702	-56	52.3	74 33.0	2963.9	0.4	272		17
8	7	1972	0.0	1737	-56	52.3	74 32.6	2964.1	4.5	270	END 17
8	7	1972	0.0	1748	-56	52.3	74 31.1	2965.0	8.8	270	
8	7	1972	0.0	1800	-56	52.3	74 27.8	2966.7	9.1	270	
8	7	1972	0.0*1846	-56	52.3	74 15.0	2973.7	9.1	267		
8	7	1972	0.0	2000	-56	52.7	73 54.6	2984.9	9.2	268	
8	7	1972	0.0*2158	-56	53.3	73 21.5	3003.0	9.4	270		
8	7	1972	0.0	2200	-56	53.3	73 21.0	3003.3	9.3	270	
9	7	1972	0.0	0000	-56	53.3	72 46.9	3021.9	9.4	270	
9	7	1972	0.0*0146	-56	53.2	72 16.6	3038.4	9.7	269		
9	7	1972	0.0	0200	-56	53.3	72 12.5	3040.7	9.6	269	
9	7	1972	0.0*0228	-56	53.3	72 4.2	3045.2	9.5	269		
9	7	1972	0.0	0400	-56	53.5	71 37.6	3059.8	9.1	269	
9	7	1972	0.0*0416	-56	53.5	71 33.1	3062.2	9.0	266		
9	7	1972	0.0	0427	-56	53.6	71 30.1	3063.9	5.8	264	
9	7	1972	0.0	0524	-56	54.2	71 20.1	3069.3	8.7	266	
9	7	1972	0.0	0600	-56	54.5	71 10.6	3074.6	8.7	266	
9	7	1972	0.0	0646	-56	54.9	70 58.3	3081.2	9.6	224	
9	7	1972	0.0	0830	-57	6.9	70 37.1	3097.9	9.7	224	
9	7	1972	0.0	1000	-57	17.4	70 18.4	3112.5	9.7	224	
9	7	1972	0.0*1010	-57	18.6	70 16.3	3114.1	9.5	224		
9	7	1972	0.0	1130	-57	27.7	69 59.9	3126.8	9.6	224	
9	7	1972	0.0*1202	-57	31.4	69 53.3	3131.9	9.4	226		
9	7	1972	0.0	1300	-57	37.7	69 41.1	3141.0	9.4	226	
9	7	1972	0.0	1417	-57	46.0	69 24.9	3153.0	8.7	358	
9	7	1972	0.0	1522	-57	36.6	69 24.3	3162.4	8.8	358	
9	7	1972	0.0*1610	-57	29.5	69 23.9	3169.4	9.2	355		
9	7	1972	0.0	1630	-57	26.5	69 23.5	3172.5	9.1	355	

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.	
9	7	1972	0.0*1704	-57 21.4	69 22.8	3177.6	8.9	357			
9	7	1972	0.0*1724	-57 18.4	69 22.6	3180.6	9.2	357			
9	7	1972	0.0*1802	-57 12.6	69 22.1	3186.4	8.9	355			
9	7	1972	0.0	1830 -57 8.5	69 21.5	3190.5	8.8	355			
9	7	1972	0.0	1855 -57 4.8	69 21.0	3194.2	5.7	353			
9	7	1972	0.0	1900 -57 4.4	69 20.9	3194.7	10.1	270			
9	7	1972	0.0*1944	-57 4.3	69 7.3	3202.1	9.8	269			
9	7	1972	0.0	2030 -57 4.4	68 53.4	3209.6	9.7	269			
9	7	1972	0.0	2230 -57 4.6	68 17.6	3229.1	9.3	312			
9	7	1972	0.0	2255 -57 2.0	68 12.4	3232.9	8.3	352			
9	7	1972	0.0	2257 -57 1.7	68 12.3	3233.2	9.4	312			
10	7	1972	0.0	0000 -56 55.0	67 59.0	3243.1	9.4	312			
10	7	1972	0.0*0142	-56 44.1	67 37.8	3259.0	9.9	315			
10	7	1972	0.0	0200 -56 42.0	67 34.0	3262.0	9.8	315			
10	7	1972	0.0*0238	-56 37.6	67 26.0	3268.2	10.3	315			
10	7	1972	0.0	0300 -56 34.9	67 21.2	3272.0	9.7	355			
10	7	1972	0.0*0324	-56 31.0	67 20.6	3275.9	9.5	357			
10	7	1972	0.0*0424	-56 21.5	67 19.9	3285.4	9.4	355			
10	7	1972	0.0	0430 -56 20.5	67 19.8	3286.3	9.4	355			
10	7	1972	0.0*0512	-56 14.0	67 18.9	3292.9	9.2	356			
10	7	1972	0.0	0617 -56 4.1	67 17.8	3302.9	5.3	185			
10	7	1972	0.0	0630 -56 5.2	67 17.6	3304.0	4.9	186			
10	7	1972	0.0	0655 -56 7.2	67 17.2	3306.0	0.6	299	START	18	
10	7	1972	0.0*0702	-56 7.2	67 17.1	3306.1	0.8	281		18	
10	7	1972	0.0*0754	-56 7.1	67 15.9	3306.8	0.5	48		18	
10	7	1972	0.0	0809 -56 7.0	67 16.1	3306.9	5.6	77	END	18	
10	7	1972	0.0	0823 -56 6.7	67 18.4	3308.2	9.3	78			
10	7	1972	0.0	0835 -56 6.3	67 21.6	3310.0	8.5	78			
10	7	1972	0.0*0924	-56 4.9	67 33.8	3317.0	8.6	81			
10	7	1972	0.0	0925 -56 4.9	67 34.0	3317.1	8.0	81			
10	7	1972	0.0	1000 -56 4.2	67 42.3	3321.7	8.1	81			
10	7	1972	0.0	1100 -56 3.1	67 56.5	3329.8	8.3	81			
10	7	1972	0.0*1108	-56 2.9	67 58.5	3330.9	8.8	82			
10	7	1972	0.0	1200 -56 1.8	68 12.0	3338.5	8.4	82			
10	7	1972	0.0	1251 -56 0.9	68 24.7	3345.7	5.9	83			
10	7	1972	0.0	1321 -56 0.5	68 30.0	3348.6	7.7	82			
10	7	1972	0.0	1400 -55 59.8	68 38.8	3353.6	7.7	82			
10	7	1972	0.0*1428	-55 59.4	68 45.1	3357.2	8.0	80			
10	7	1972	0.0	1600 -55 57.4	69 6.8	3369.5	7.8	80			
10	7	1972	0.0*1632	-55 56.7	69 14.2	3373.7	7.7	80			
10	7	1972	0.0*1800	-55 54.9	69 34.2	3385.0	7.1	81			
10	7	1972	0.0*1854	-55 53.9	69 45.5	3391.4	7.3	79			
10	7	1972	0.0	2000 -55 52.4	69 59.5	3399.4	7.4	79			
10	7	1972	0.0*2042	-55 51.4	70 8.5	3404.6	7.2	79			
10	7	1972	0.0	2049 -55 51.3	70 10.0	3405.4	7.8	79			
10	7	1972	0.0	2135 -55 50.2	70 20.4	3411.4	6.6	79			
10	7	1972	0.0	2200 -55 49.6	70 25.2	3414.1	6.3	79			
10	7	1972	0.0*2204	-55 49.6	70 25.9	3414.6	6.7	76			
10	7	1972	0.0	2259 -55 48.1	70 36.6	3420.7	6.7	100			
10	7	1972	0.0	2303 -55 48.2	70 37.4	3421.2	6.7	76			
11	7	1972	0.0	0000 -55 46.7	70 48.4	3427.5	7.3	76			
11	7	1972	0.0*0138	-55 44.0	71 9.0	3439.5	7.1	73			
11	7	1972	0.0	0200 -55 43.2	71 13.5	3442.1	7.3	73			
11	7	1972	0.0	0243 -55 41.8	71 22.5	3447.3	9.0	75			
11	7	1972	0.0*0332	-55 39.9	71 35.1	3454.7	9.3	76			
11	7	1972	0.0	0400 -55 38.9	71 42.6	3459.1	9.6	76			
11	7	1972	0.0*0424	-55 38.0	71 49.2	3462.9	9.6	76			
11	7	1972	0.0	0446 -55 37.2	71 55.3	3466.4	9.7	77			
11	7	1972	0.0	0600 -55 34.5	72 16.0	3478.4	9.5	76			
11	7	1972	0.0*0612	-55 34.0	72 19.2	3480.3	9.1	75			
11	7	1972	0.0	0800 -55 29.9	72 47.3	3496.7	8.7	75			
11	7	1972	0.0	0939 -55 26.3	73 11.7	3511.0	2.6	282			
11	7	1972	0.0	0952 -55 26.2	73 10.8	3511.6	1.5	271			
11	7	1972	0.0	1001 -55 26.2	73 10.4	3511.8	8.9	79			
11	7	1972	0.0*1014	-55 25.8	73 13.7	3513.8	9.2	81			
11	7	1972	0.0	1200 -55 23.5	73 42.0	3530.0	9.4	81			
11	7	1972	0.0	1430 -55 20.2	74 22.8	3553.4	8.8	99			
11	7	1972	0.0	1630 -55 23.0	74 53.5	3571.1	8.9	99			
11	7	1972	0.0	1700 -55 23.7	75 1.2	3575.5	9.1	94			
11	7	1972	0.0*1728	-55 24.1	75 8.7	3579.8	8.9	98			

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.	
11	7	1972	0.0	1800 -55 24.8	75 17.0	3584.6	8.9	98			
11	7	1972	0.0	2030 -55 28.1	75 55.7	3606.8	9.5	98			
11	7	1972	0.0	2122 -55 29.4	76 10.1	3615.0	5.5	282			
11	7	1972	0.0	2231 -55 28.1	75 59.3	3621.3	0.9	87	START	19	
11	7	1972	0.0*2256	-55 28.0	75 60.0	3621.7	1.0	91		19	
12	7	1972	0.0	0013 -55 28.1	76 2.3	3623.0	5.5	98	END	19	
12	7	1972	0.0	0023 -55 28.2	76 3.9	3623.9	8.4	99			
12	7	1972	0.0*0042	-55 28.6	76 8.5	3626.6	8.9	98			
12	7	1972	0.0	0100 -55 29.0	76 13.1	3629.3	8.8	98			
12	7	1972	0.0*0148	-55 30.1	76 25.4	3636.3	8.8	101			
12	7	1972	0.0	0200 -55 30.4	76 28.5	3638.1	8.6	101			
12	7	1972	0.0	0237 -55 31.4	76 37.7	3643.4	6.8	101			
12	7	1972	0.0	0342 -55 32.9	76 50.4	3650.7	8.3	101			
12	7	1972	0.0	0400 -55 33.4	76 54.7	3653.2	8.3	97			
12	7	1972	0.0*0430	-55 33.9	77 2.1	3657.4	8.4	95			
12	7	1972	0.0	0521 -55 34.6	77 14.7	3664.5	7.8	95			
12	7	1972	0.0*0526	-55 34.7	77 15.8	3665.2	8.4	96			
12	7	1972	0.0	0600 -55 35.2	77 24.1	3669.9	7.4	96			
12	7	1972	0.0*0716	-55 36.3	77 40.7	3679.4	6.5	94			
12	7	1972	0.0	0800 -55 36.7	77 49.1	3684.1	6.0	94			
12	7	1972	0.0*0804	-55 36.7	77 49.8	3684.5	6.6	95			
12	7	1972	0.0	1005 -55 38.1	78 13.2	3697.8	9.0	95			
12	7	1972	0.0*1116	-55 39.1	78 31.8	3708.4	9.2	95			
12	7	1972	0.0	1200 -55 39.7	78 43.7	3715.1	9.7	95			
12	7	1972	0.0	1400 -55 41.4	79 17.9	3734.5	9.9	98			
12	7	1972	0.0*1530	-55 43.6	79 44.1	3749.3	9.4	98			
12	7	1972	0.0	1600 -55 44.3	79 52.3	3754.1	9.7	98			
12	7	1972	0.0*1624	-55 44.8	79 59.1	3757.9	9.8	99			
12	7	1972	0.0*1718	-55 46.3	80 14.5	3766.7	9.6	98			
12	7	1972	0.0	1800 -55 47.3	80 26.3	3773.4	9.6	98			
12	7	1972	0.0*1904	-55 48.8	80 44.3	3783.6	9.1	98			
12	7	1972	0.0	2000 -55 50.1	80 59.2	3792.1	9.1	98			
12	7	1972	0.0	2035 -55 51.0	81 8.6	3797.4	5.0	279			
12	7	1972	0.0*2050	-55 50.7	81 6.4	3798.7	6.8	273			
12	7	1972	0.0	2057 -55 50.7	81 5.0	3799.5	5.2	271			
12	7	1972	0.0	2105 -55 50.7	81 3.7	3800.2	6.6	273			
12	7	1972	0.0	2108 -55 50.7	81 3.1	3800.5	1.2	244	START	20	
12	7	1972	0.0*2202	-55 51.1	81 1.4	3801.6	0.5	185		20	
12	7	1972	0.0	2319 -55 51.7	81 1.3	3802.2	8.2	93		20	
12	7	1972	0.0	2344 -55 51.9	81 7.4	3805.6	0.5	185		20	
12	7	1972	0.0*2350	-55 52.0	81 7.4	3805.7	0.8	193		20	
13	7	1972	0.0*0106	-55 53.0	81 6.9	3806.7	0.9	181		20	
13	7	1972	0.0*0134	-55 53.4	81 6.9	3807.2	1.3	130		20	
13	7	1972	0.0	0151 -55 53.7	81 7.4	3807.5	5.8	102	END	20	
13	7	1972	0.0	0204 -55 53.9	81 9.6	3808.8	9.4	99			
13	7	1972	0.0*0338	-55 56.3	81 35.5	3823.5	9.2	101			
13	7	1972	0.0	0400 -55 57.0	81 41.4	3826.8	9.1	101			
13	7	1972	0.0	0501 -55 58.9	81 57.5	3836.1	8.6	207			
13	7	1972	0.0	0600 -56 6.5	81 50.6	3844.6	9.1	207			
13	7	1972	0.0*0824	-56 25.9	81 32.5	3866.4	9.7	206			
13	7	1972	0.0	0830 -56 26.7	81 31.7	3867.4	9.4	206			
13	7	1972	0.0	0952 -56 38.3	81 21.3	3880.3	6.6	255			
13	7	1972	0.0	0956 -56 38.4	81 20.6	3880.7	9.6	206			
13	7	1972	0.0*1010	-56 40.4	81 18.7	3883.0	8.9	210			
13	7	1972	0.0	1027 -56 42.6	81 16.4	3885.5	8.4	239			
13	7	1972	0.0	1029 -56 42.7	81 16.0	3885.8	8.9	210			
13	7	1972	0.0	1154 -56 53.6	81 4.4	3898.4	4.2	44			
13	7	1972	0.0	1211 -56 52.7	81 5.9	3899.6	4.2	205			
13	7	1972	0.0	1214 -56 52.9	81 5.8	3899.8	6.1	208			
13	7	1972	0.0	1221 -56 53.6	81 5.1	3900.5	6.4	41			
13	7	1972	0.0	1230 -56 52.8	81 6.3	3901.4	7.0	41			
13	7	1972	0.0	1255 -56 50.7	81 9.8	3904.3	0.9	156	START	21	
13	7	1972	0.0*1344	-56 51.3	81 10.3	3905.0	1.5	157		21	
13	7	1972	0.0	1549 -56 54.1	81 12.5	3908.1	5.6	202	END	21	
13	7	1972	0.0	1601 -56 55.1	81 11.7	3909.2	7.3	205			
13	7	1972	0.0	1700 -57 1.6	81 6.1	3916.4	6.6	213			
13	7	1972	0.0*1722	-57 3.7	81 3.6	3918.8	6.4	214			
13	7	1972	0.0	1800 -57 7.0	80 59.3	3922.9	6.6	215			
13	7	1972	0.0*1814	-57 8.2	80 57.7	3924.4	6.2	213			
13	7	1972	0.0	2000 -57 17.5	80 46.6	3935.4	6.3	213			

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.	
13	7	1972	0.0*	2004	-57 17.8	80 46.2	3935.8	6.6	212		
13	7	1972	0.0	2200	-57 28.6	80 33.6	3948.5	6.9	212		
13	7	1972	0.0	2253	-57 33.7	80 27.5	3954.6	5.3	234		
13	7	1972	0.0	2255	-57 33.8	80 27.2	3954.8	7.4	213		
14	7	1972	0.0	0000	-57 40.5	80 18.9	3962.8	8.3	214		
14	7	1972	0.0	0021	-57 42.9	80 15.8	3965.7	7.0	136		
14	7	1972	0.0	0023	-57 43.0	80 16.1	3966.0	3.8	67		
14	7	1972	0.0	0026	-57 43.0	80 16.4	3966.2	2.3	326		
14	7	1972	0.0	0029	-57 42.9	80 16.3	3966.3	4.2	204		
14	7	1972	0.0	0041	-57 43.6	80 15.7	3967.1	1.5	142	START	22
14	7	1972	0.0*	0102	-57 44.0	80 16.3	3967.6	0.5	151		22
14	7	1972	0.0*	0200	-57 44.4	80 16.6	3968.1	0.5	141		22
14	7	1972	0.0	0218	-57 44.6	80 16.8	3968.2	5.9	94	END	22
14	7	1972	0.0	0232	-57 44.7	80 19.4	3969.6	9.0	92		
14	7	1972	0.0	0337	-57 45.1	80 37.7	3979.4	5.9	94		
14	7	1972	0.0	0346	-57 45.2	80 39.3	3980.3	0.5	141	START	23
14	7	1972	0.0*	0432	-57 45.5	80 39.8	3980.7	0.6	182		23
14	7	1972	0.0	0554	-57 46.3	80 39.8	3981.5	7.6	94	END	23
14	7	1972	0.0	0605	-57 46.4	80 42.4	3982.9	9.5	93		
14	7	1972	0.0*	0630	-57 46.6	80 49.7	3986.8	9.8	91		
14	7	1972	0.0	0658	-57 46.7	80 58.3	3991.4	5.5	91		
14	7	1972	0.0	0711	-57 46.8	81 0.5	3992.6	0.4	118	START	24
14	7	1972	0.0	0848	-57 47.0	81 1.5	3993.1	6.2	91	END	24
14	7	1972	0.0	0904	-57 47.1	81 4.6	3994.8	9.0	91		
14	7	1972	0.0	0935	-57 47.2	81 13.3	3999.4	7.9	47		
14	7	1972	0.0	0940	-57 46.7	81 14.2	4000.1	8.1	268		
14	7	1972	0.0	0942	-57 46.7	81 13.7	4000.4	5.0	3		
14	7	1972	0.0	0955	-57 45.7	81 13.8	4001.5	4.6	4		
14	7	1972	0.0	1002	-57 45.1	81 13.9	4002.0	8.4	2		
14	7	1972	0.0	1100	-57 37.0	81 14.5	4010.1	7.9	2		
14	7	1972	0.0*	1102	-57 36.7	81 14.5	4010.4	8.9	3		
14	7	1972	0.0	1200	-57 28.1	81 15.6	4019.0	9.1	3		
14	7	1972	0.0	1300	-57 19.0	81 16.6	4028.1	7.5	43		
14	7	1972	0.0*	1310	-57 18.1	81 18.2	4029.4	7.0	47		
14	7	1972	0.0	1336	-57 16.1	81 22.4	4032.4	0.6	73		
14	7	1972	0.0	1500	-57 15.8	81 23.8	4033.2	5.7	61		
14	7	1972	0.0	1514	-57 15.2	81 25.9	4034.5	9.0	60		
14	7	1972	0.0	1600	-57 11.8	81 37.1	4041.5	8.9	60		
14	7	1972	0.0*	1634	-57 9.4	81 45.2	4046.5	9.0	57		
14	7	1972	0.0	1800	-57 2.4	82 5.1	4059.4	9.1	57		
14	7	1972	0.0*	1820	-57 0.7	82 9.8	4062.4	9.4	59		
14	7	1972	0.0*	1912	-56 56.7	82 22.7	4070.5	9.2	60		
14	7	1972	0.0	2000	-56 53.0	82 34.4	4077.9	9.3	60		
14	7	1972	0.0*	2012	-56 52.1	82 37.3	4079.7	9.5	58		
14	7	1972	0.0*	2100	-56 48.2	82 49.2	4087.4	9.7	71		
14	7	1972	0.0	2200	-56 45.1	83 5.9	4097.0	9.8	71		
14	7	1972	0.0*	2226	-56 43.7	83 13.2	4101.2	10.1	76		
14	7	1972	0.0	2247	-56 42.9	83 19.5	4104.8	10.4	124		
14	7	1972	0.0	2249	-56 43.1	83 20.1	4105.1	8.4	81		
14	7	1972	0.0	2253	-56 43.0	83 21.1	4105.7	8.4	170		
14	7	1972	0.0	2300	-56 44.0	83 21.4	4106.7	8.7	168		
14	7	1972	0.0	2321	-56 46.9	83 22.5	4109.7	8.4	170		
14	7	1972	0.0	2341	-56 49.7	83 23.3	4112.5	7.9	169		
14	7	1972	0.0*	2344	-56 50.1	83 23.4	4112.9	8.0	175		
15	7	1972	0.0*	0014	-56 54.1	83 24.0	4116.9	7.4	176		
15	7	1972	0.0	0100	-56 59.7	83 24.6	4122.6	7.3	176		
15	7	1972	0.0	0148	-57 5.6	83 25.3	4128.4	5.3	262		
15	7	1972	0.0*	0154	-57 5.6	83 24.3	4129.0	6.3	267		
15	7	1972	0.0	0200	-57 5.7	83 23.2	4129.6	6.4	267		
15	7	1972	0.0	0233	-57 5.8	83 16.7	4133.1	7.1	238		
15	7	1972	0.0	0330	-57 9.4	83 6.1	4139.8	7.1	267		
15	7	1972	0.0	0414	-57 9.6	82 56.5	4145.1	7.9	277		
15	7	1972	0.0	0419	-57 9.5	82 55.3	4145.7	7.9	297		
15	7	1972	0.0	0512	-57 6.3	82 43.9	4152.7	7.1	297		
15	7	1972	0.0	0530	-57 5.3	82 40.4	4154.8	9.0	323		
15	7	1972	0.0	0547	-57 3.3	82 37.5	4157.4	6.6	282		
15	7	1972	0.0	0559	-57 3.0	82 35.2	4158.7	5.8	266		
15	7	1972	0.0	0636	-57 3.2	82 28.6	4162.3	6.7	181		
15	7	1972	0.0	0656	-57 5.5	82 28.5	4164.5	6.0	214		
15	7	1972	0.0	0657	-57 5.5	82 28.4	4164.6	7.8	181		

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.	
15	7	1972	0.0	0712	-57 7.5	82 28.3	4166.6	5.6	181		
15	7	1972	0.0	0732	-57 9.3	82 28.2	4168.4	5.7	181		
15	7	1972	0.0*	0822	-57 14.1	82 28.0	4173.1	6.3	180		
15	7	1972	0.0	0841	-57 16.0	82 27.9	4175.1	6.2	185		
15	7	1972	0.0	0900	-57 18.0	82 27.6	4177.1	7.9	185		
15	7	1972	0.0	0916	-57 20.1	82 27.3	4179.2	8.6	198		
15	7	1972	0.0*	1004	-57 26.7	82 23.2	4186.1	9.0	201		
15	7	1972	0.0	1023	-57 29.3	82 21.3	4189.0	1.3	209	START	25
15	7	1972	0.0*	1038	-57 29.6	82 21.0	4189.3	0.7	45		25
15	7	1972	0.0*	1152	-57 29.0	82 22.1	4190.1	0.7	22		25
15	7	1972	0.0*	1214	-57 28.7	82 22.3	4190.4	0.7	324		25
15	7	1972	0.0*	1342	-57 27.9	82 21.1	4191.5	0.5	11		25
15	7	1972	0.0	1457	-57 27.3	82 21.4	4192.0	9.1	0	END	25
15	7	1972	0.0	1506	-57 26.0	82 21.4	4193.4	8.4	0		
15	7	1972	0.0*	1546	-57 20.4	82 21.5	4199.0	9.5	357		
15	7	1972	0.0	1612	-57 16.3	82 21.2	4203.1	8.5	357		
15	7	1972	0.0*	1636	-57 12.9	82 20.9	4206.5	7.6	359		
15	7	1972	0.0	1739	-57 4.9	82 20.8	4214.5	7.7	359		
15	7	1972	0.0	1813	-57 0.5	82 20.7	4218.8	7.1	359		
15	7	1972	0.0	1845	-56 56.7	82 20.6	4222.6	9.6	359		
15	7	1972	0.0	1900	-56 54.3	82 20.6	4225.0	5.5	285		
15	7	1972	0.0	1916	-56 54.0	82 18.0	4226.5	7.6	283		
15	7	1972	0.0*	1950	-56 52.9	82 10.3	4230.8	8.7	284		
15	7	1972	0.0	2011	-56 52.1	82 5.0	4233.8	9.9	353		
15	7	1972	0.0	2030	-56 49.0	82 4.3	4237.0	5.1	288		
15	7	1972	0.0*	2136	-56 47.2	81 54.6	4242.6	5.0	296		
15	7	1972	0.0	2200	-56 46.3	81 51.3	4244.6	4.6	298		
16	7	1972	0.0	0000	-56 42.0	81 36.5	4253.8	5.5	291		
16	7	1972	0.0*	0024	-56 41.2	81 32.8	4256.0	5.8	280		
16	7	1972	0.0*	0104	-56 40.5	81 25.8	4259.9	6.0	278		
16	7	1972	0.0	0200	-56 39.7	81 15.7	4265.5	6.5	278		
16	7	1972	0.0	0303	-56 38.7	81 3.4	4272.4	6.5	274		
16	7	1972	0.0*	0356	-56 38.3	80 52.9	4278.2	6.4	272		
16	7	1972	0.0	0400	-56 38.3	80 52.1	4278.6	6.9	272		
16	7	1972	0.0*	0450	-56 38.1	80 41.7	4284.3	7.1	270		
16	7	1972	0.0	0602	-56 38.1	80 26.2	4292.8	8.1	274		
16	7	1972	0.0*	0634	-56 37.8	80 18.4	4297.1	7.9	276		
16	7	1972	0.0*	0730	-56 37.0	80 5.0	4304.5	7.4	276		
16	7	1972	0.0	0800	-56 36.6	79 58.3	4308.2	7.5	276		
16	7	1972	0.0*	0804	-56 36.5	79 57.4	4308.8	7.8	273		
16	7	1972	0.0*	0910	-56 35.9	79 41.8	4317.3	7.6	274		
16	7	1972	0.0	0930	-56 35.8	79 37.2	4319.9	8.0	274		
16	7	1972	0.0	1000	-56 35.5	79 30.0	4323.9	8.3	274		
16	7	1972	0.0*	1056	-56 34.9	79 15.9	4331.7	8.8	272		
16	7	1972	0.0*	1136	-56 34.6	79 5.2	4337.5	8.5	273		
16	7	1972	0.0	1200	-56 34.4	78 59.1	4340.9	8.9	273		
16	7	1972	0.0*	1248	-56 34.0	78 46.2	4348.1	9.0	275		
16	7	1972	0.0	1307	-56 33.8	78 41.0	4350.9	8.8	279		
16	7	1972	0.0*	1324	-56 33.4	78 36.6	4353.4	8.8	278		
16	7	1972	0.0	1400	-56 32.6	78 27.1	4358.7	8.0	278		
16	7	1972	0.0*	1546	-56 30.6	78 1.7	4372.8	8.6	273		
16	7	1972	0.0	1600	-56 30.5	77 58.1	4374.8	7.7	272		
16	7	1972	0.0*	1644	-56 30.2	77 47.9	4380.5	6.8	275		
16	7	1972	0.0	1800	-56 29.4	77 32.5	4389.0	5.4	274		
16	7	1972	0.0*	1924	-56 28.9	77 18.8	4396.6	5.2	277		
16	7	1972	0.0	1930	-56 28.8	77 17.9	4397.1	4.3	277		
16	7	1972	0.0	1949	-56 28.7	77 15.4	4398.5	4.5	282		
16	7	1972	0.0*	2048	-56 27.7	77 7.6	4402.9	4.9	288		
16	7	1972	0.0*	2154	-56 26.0	76 58.4	4408.2	4.8	286		
16	7	1972	0.0	2200	-56 25.9	76 57.6	4408.7	5.1	286		
16	7	1972	0.0*	2342	-56 23.5	76 42.6	4417.3	4.9	285		
17	7	1972	0.0	0000	-56 23.1	76 40.0	4418.8	4.7	285		
17	7	1972	0.0	0146	-56 20.9	76 25.5	4427.1	5.0	271		
17	7	1972	0.0	0200	-56 20.9	76 23.4	4428.3	5.3	271		
17	7	1972	0.0*	0344	-56 20.7	76 7.0	4437.4	5.5	266		
17	7	1972	0.0	0408	-56 20.8	76 3.1	4439.6	4.9	271		
17	7	1972	0.0*	0500	-56 20.7	75 55.4	4443.8	5.0	269		
17	7	1972	0.0*	0534	-56 20.7	75 50.2	4446.7	4.8	275		
17	7	1972	0.0	0600	-56 20.5	75 46.5	4448.8	5.4	275		
17	7	1972	0.0	0800	-56 19.5	75 27.1	4459.6	6.1	275		

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
17	7	1972	0.0	1000	-56 18.2	75 5.2	4471.8	6.0	275	
17	7	1972	0.0	1200	-56 17.0	74 43.9	4483.7	6.4	275	
17	7	1972	0.0	1336	-56 16.0	74 25.7	4493.9	0.7	274	
17	7	1972	0.0	1348	-56 16.0	74 25.4	4494.0	4.4	275	
17	7	1972	0.0	1400	-56 15.9	74 23.8	4494.9	4.3	275	
17	7	1972	0.0*1406		-56 15.8	74 23.1	4495.3	3.8	272	
17	7	1972	0.0	1511	-56 15.7	74 15.6	4499.5	4.8	272	
17	7	1972	0.0	1528	-56 15.6	74 13.2	4500.8	7.7	270	
17	7	1972	0.0*1556		-56 15.6	74 6.7	4504.4	7.8	266	
17	7	1972	0.0	1600	-56 15.7	74 5.7	4504.9	7.8	266	
17	7	1972	0.0*1646		-56 16.0	73 55.0	4510.9	8.1	266	
17	7	1972	0.0	1715	-56 16.3	73 48.0	4514.8	7.9	270	
17	7	1972	0.0*1744		-56 16.2	73 41.1	4518.6	7.9	271	
17	7	1972	0.0*1832		-56 16.1	73 29.7	4525.0	7.6	273	
17	7	1972	0.0	2000	-56 15.4	73 9.8	4536.1	7.3	273	
17	7	1972	0.0*2002		-56 15.4	73 9.4	4536.3	7.3	271	
17	7	1972	0.0*2100		-56 15.1	72 56.6	4543.4	7.3	273	
17	7	1972	0.0*2148		-56 14.8	72 46.1	4549.2	7.4	274	
17	7	1972	0.0	2200	-56 14.7	72 43.5	4550.7	7.5	274	
18	7	1972	0.0	0000	-56 13.6	72 16.5	4565.8	7.8	274	
18	7	1972	0.0*0032		-56 13.3	72 9.0	4569.9	7.7	272	
18	7	1972	0.0*0122		-56 13.0	71 57.5	4576.3	7.9	273	
18	7	1972	0.0	0200	-56 12.7	71 48.5	4581.3	7.8	273	
18	7	1972	0.0*0254		-56 12.3	71 36.0	4588.3	7.1	273	
18	7	1972	0.0	0400	-56 11.8	71 21.9	4596.1	6.8	272	
18	7	1972	0.0*0406		-56 11.8	71 20.7	4596.8	6.7	271	
18	7	1972	0.0	0548	-56 11.5	71 0.2	4608.2	0.8	136	
18	7	1972	0.0	0859	-56 13.3	71 3.3	4610.7	3.4	267	
18	7	1972	0.0	0906	-56 13.3	71 2.6	4611.1	4.8	269	
18	7	1972	0.0*0910		-56 13.3	71 2.0	4611.5	5.0	267	
18	7	1972	0.0*1000		-56 13.5	70 54.6	4615.6	5.6	274	
18	7	1972	0.0	1004	-56 13.5	70 53.9	4616.0	8.0	274	
18	7	1972	0.0	1014	-56 13.4	70 51.5	4617.3	3.0	272	
18	7	1972	0.0	1022	-56 13.4	70 50.8	4617.8	7.2	274	
18	7	1972	0.0	1200	-56 12.5	70 29.6	4629.6	6.9	274	
18	7	1972	0.0*1318		-56 11.8	70 13.4	4638.6	7.8	275	
18	7	1972	0.0	1400	-56 11.3	70 3.7	4644.0	7.7	275	
18	7	1972	0.0*1502		-56 10.6	69 49.4	4652.0	7.8	274	
18	7	1972	0.0*1556		-56 10.0	69 36.9	4659.0	7.3	281	
18	7	1972	0.0	1630	-56 9.2	69 29.6	4663.2	6.0	282	
18	7	1972	0.0*1656		-56 8.6	69 25.0	4665.8	5.5	286	
18	7	1972	0.0	1700	-56 8.5	69 24.3	4666.1	4.4	288	
18	7	1972	0.0	1730	-56 7.8	69 20.6	4668.3	3.1	293	
18	7	1972	0.0	1800	-56 7.2	69 18.1	4669.9	3.5	292	
18	7	1972	0.0	1810	-56 7.0	69 17.1	4670.5	9.4	70	
18	7	1972	0.0	1926	-56 3.0	69 37.1	4682.3	10.2	70	
18	7	1972	0.0*1930		-56 2.8	69 38.3	4683.0	11.0	73	
18	7	1972	0.0	2000	-56 1.2	69 47.7	4688.5	11.1	73	
18	7	1972	0.0*2150		-55 55.4	70 22.7	4708.9	10.9	74	
18	7	1972	0.0	2200	-55 54.9	70 25.8	4710.7	10.0	74	
18	7	1972	0.0	2357	-55 49.5	70 59.2	4730.2	6.2	111	
19	7	1972	0.0	0000	-55 49.7	70 59.7	4730.5	10.6	74	
19	7	1972	0.0	0259	-55 41.1	71 53.6	4762.0	10.8	70	
19	7	1972	0.0	0457	-55 34.0	72 29.1	4783.3	10.7	68	
19	7	1972	0.0*0508		-55 33.3	72 32.3	4785.2	9.9	70	
19	7	1972	0.0	0551	-55 30.9	72 44.1	4792.3	9.6	70	
19	7	1972	0.0*0658		-55 27.3	73 1.9	4803.0	9.7	66	
19	7	1972	0.0	0800	-55 23.4	73 18.2	4813.1	9.7	66	
19	7	1972	0.0	0931	-55 17.6	73 42.0	4827.8	8.8	152	
19	7	1972	0.0	0934	-55 18.0	73 42.4	4828.3	10.0	66	
19	7	1972	0.0*1000		-55 16.3	73 49.4	4832.6	9.5	68	
19	7	1972	0.0	1100	-55 12.8	74 4.9	4842.1	9.6	68	
19	7	1972	0.0*1146		-55 10.2	74 16.9	4849.4	9.4	67	
19	7	1972	0.0	1200	-55 9.4	74 20.5	4851.6	9.6	67	
19	7	1972	0.0*1234		-55 7.3	74 29.2	4857.1	9.4	65	
19	7	1972	0.0*1334		-55 3.4	74 44.2	4866.5	9.5	68	
19	7	1972	0.0	1400	-55 1.9	74 50.8	4870.6	9.3	68	
19	7	1972	0.0*1418		-55 0.8	74 55.4	4873.4	9.6	69	
19	7	1972	0.0*1508		-54 58.0	75 8.4	4881.4	9.8	66	
19	7	1972	0.0	1600	-54 54.7	75 22.1	4889.9	9.8	66	

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
19	7	1972	0.0*1608		-54 54.1	75 24.1	4891.2	9.5	67	
19	7	1972	0.0	1713	-54 50.3	75 40.8	4901.5	9.7	67	
19	7	1972	0.0*1752		-54 47.9	75 50.9	4907.8	9.6	68	
19	7	1972	0.0	1800	-54 47.4	75 52.9	4909.1	9.6	68	
19	7	1972	0.0*1842		-54 45.0	76 3.8	4915.8	9.6	69	
19	7	1972	0.0*2010		-54 39.9	76 26.5	4929.9	9.7	68	
19	7	1972	0.0	2030	-54 38.8	76 31.7	4933.1	9.5	68	
19	7	1972	0.0*2058		-54 37.1	76 38.8	4937.5	9.7	67	
19	7	1972	0.0*2156		-54 33.5	76 53.7	4946.8	9.7	69	
19	7	1972	0.0	2230	-54 31.6	77 2.5	4952.4	9.8	69	
19	7	1972	0.0	2309	-54 29.3	77 12.8	4958.7	8.5	28	
19	7	1972	0.0	2311	-54 29.0	77 13.1	4959.0	9.6	69	
19	7	1972	0.0*2344		-54 27.2	77 21.5	4964.3	9.8	69	
20	7	1972	0.0	0200	-54 19.5	77 57.1	4986.4	9.4	69	
20	7	1972	0.0*0258		-54 16.3	78 11.8	4995.5	10.1	68	
20	7	1972	0.0	0300	-54 16.2	78 12.4	4995.9	10.0	63	
20	7	1972	0.0	0500	-54 7.3	78 43.0	5015.9	9.8	63	
20	7	1972	0.0*0504		-54 7.0	78 44.0	5016.6	10.0	61	
20	7	1972	0.0*0608		-54 1.9	78 60.0	5027.2	9.6	64	
20	7	1972	0.0*0652		-53 58.8	79 10.7	5034.2	9.4	63	
20	7	1972	0.0	0700	-53 58.3	79 12.6	5035.5	9.3	63	
20	7	1972	0.0*0826		-53 52.3	79 33.0	5048.9	9.3	65	
20	7	1972	0.0	0930	-53 48.2	79 48.2	5058.7	9.4	65	
20	7	1972	0.0*1008		-53 45.7	79 57.3	5064.7	9.9	68	
20	7	1972	0.0	1015	-53 45.3	79 59.1	5065.8	8.7	343	
20	7	1972	0.0	1018	-53 44.9	79 58.9	5066.3	9.7	68	
20	7	1972	0.0*1154		-53 39.3	80 23.3	5081.8	10.3	69	
20	7	1972	0.0	1200	-53 38.9	80 25.0	5082.8	10.6	69	
20	7	1972	0.0	1346	-53 32.3	80 54.4	5101.5	10.2	64	
20	7	1972	0.0*1348		-53 32.1	80 54.9	5101.8	9.8	60	
20	7	1972	0.0*1506		-53 25.9	81 13.4	5114.5	9.1	59	
20	7	1972	0.0	1600	-53 21.7	81 25.3	5122.7	9.2	59	
20	7	1972	0.0	1800	-53 12.2	81 51.8	5141.2	9.7	59	
20	7	1972	0.0	2019	-53 0.8	82 23.9	5163.6	9.5	63	
20	7	1972	0.0*2148		-52 54.5	82 44.8	5177.7	9.5	69	
20	7	1972	0.0	2200	-52 53.8	82 47.8	5179.6	9.6	69	
20	7	1972	0.0	2247	-52 51.1	82 59.4	5187.1	7.8	34	
20	7	1972	0.0	2249	-52 50.9	82 59.7	5187.4	9.7	69	
20	7	1972	0.0*2334		-52 48.4	83 10.9	5194.6	9.4	67	
20	7	1972	0.0	2353	-52 47.2	83 15.4	5197.6	9.3	67	
21	7	1972	0.0	0044	-52 44.2	83 27.5	5205.5	9.3	61	
21	7	1972	0.0	0200	-52 38.6	83 44.6	5217.2	8.9	61	
21	7	1972	0.0*0326		-52 32.5	84 3.0	5230.0	8.5	60	
21	7	1972	0.0	0400	-52 30.2	84 9.8	5234.8	8.4	60	
21	7	1972	0.0	0600	-52 21.8	84 33.7	5251.6	8.4	60	
21	7	1972	0.0	0800	-52 13.3	84 57.6	5268.5	8.4	56	
21	7	1972	0.0*0810		-52 12.5	84 59.5	5269.9	9.0	57	
21	7	1972	0.0*0918		-52 7.0	85 13.4	5280.0	8.9	55	
21	7	1972	0.0	0943	-52 4.9	85 18.4	5283.8	5.3	13	
21	7	1972	0.0	0945	-52 4.7	85 18.5	5283.9	8.6	55	
21	7	1972	0.0	1000	-52 3.5	85 21.4	5286.1	8.6	55	
21	7	1972	0.0*1104		-51 58.3	85 33.6	5295.3	9.1	57	
21	7	1972	0.0	1200	-51 53.7	85 45.3	5303.8	8.9	57	
21	7	1972	0.0	1259	-51 49.0	85 57.3	5312.5	9.2	60	
21	7	1972	0.0	1400	-51 44.4	86 10.4	5321.9	9.7	60	
21	7	1972	0.0	1644	-51 31.2	86 47.4	5348.4	9.7	56	
21	7	1972	0.0*1704		-51 29.4	86 51.7	5351.6	10.5	55	
21	7	1972	0.0	1830	-51 20.9	87 11.6	5366.7	10.5	55	
21	7	1972	0.0	2000	-51 12.0	87 32.4	5382.4	9.9	55	
21	7	1972	0.0*2020		-51 10.1	87 36.7	5385.7	9.6	53	
21	7	1972	0.0*2054		-51 6.9	87 43.7	5391.2	9.3	56	
21	7	1972	0.0	2130	-51 3.8	87 51.1	5396.7	9.3	60	
21	7	1972	0.0	2241	-50 58.4	88 6.4	5407.7	7.3	4	
21	7	1972	0.0	2244	-50 58.1	88 6.4	5408.1	9.3	60	
21	7	1972	0.0	2314	-50 55.8	88 12.9	5412.7	9.1	60	
21	7	1972	0.0*2354		-50 52.8	88 21.2	5418.8	8.9	60	
22	7	1972	0.0*0028		-50 50.4	88 28.2	5423.8	9.1	59	
22	7	1972	0.0*0116		-50 46.7	88 38.1	5431.1	8.8	59	
22	7	1972	0.0	0200	-50 43.4	88 46.9	5437.6	8.8	59	
22	7	1972	0.0*0238		-50 40.5	88 54.4	5443.1	8.8	60	

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
22	7	1972	0.0	0404	-50 34.3	89 11.8	5455.8	8.9	60	
22	7	1972	0.0	0532	-50 28.0	89 29.6	5468.8	9.6	60	
22	7	1972	0.0	0700	-50 21.1	89 48.9	5482.9	9.5	60	
22	7	1972	0.0	0758	-50 16.5	90 1.5	5492.1	9.1	55	
22	7	1972	0.0	0952	-50 6.8	90 23.7	5509.3	7.2	17	
22	7	1972	0.0	0955	-50 6.5	90 23.9	5509.7	8.8	55	
22	7	1972	0.0	1014	-50 4.9	90 27.4	5512.5	8.6	56	
22	7	1972	0.0	1140	-49 58.0	90 43.3	5524.8	8.5	57	
22	7	1972	0.0	1230	-49 54.3	90 52.7	5531.9	8.8	57	
22	7	1972	0.0	1320	-49 50.3	91 2.3	5539.2	9.0	56	
22	7	1972	0.0	1359	-49 47.1	91 9.9	5545.1	9.0	53	
22	7	1972	0.0	1508	-49 40.9	91 22.7	5555.4	9.0	50	
22	7	1972	0.0	1523	-49 39.5	91 25.4	5557.7	8.7	50	
22	7	1972	0.0	1730	-49 27.7	91 47.3	5576.1	9.0	50	
22	7	1972	0.0	1802	-49 24.7	91 52.9	5580.9	9.2	48	
22	7	1972	0.0	1930	-49 15.8	92 8.6	5594.4	9.2	49	
22	7	1972	0.0	1932	-49 15.6	92 8.9	5594.7	9.2	50	
22	7	1972	0.0	2118	-49 5.2	92 28.0	5610.9	9.1	52	
22	7	1972	0.0	2130	-49 4.1	92 30.2	5612.8	9.1	52	
22	7	1972	0.0	2256	-48 56.1	92 45.9	5625.8	7.1	309	
22	7	1972	0.0	2259	-48 55.9	92 45.5	5626.1	9.1	52	
22	7	1972	0.0	2332	-48 52.9	92 51.5	5631.1	9.3	53	
22	7	1972	0.0	2356	-48 50.6	92 56.0	5634.8	5.0	312	
22	7	1972	0.0	2359	-48 50.5	92 55.7	5635.1	9.6	53	
23	7	1972	0.0	0030	-48 47.5	93 1.8	5640.1	9.4	52	
23	7	1972	0.0	0148	-48 40.1	93 16.4	5652.2	9.6	51	
23	7	1972	0.0	0200	-48 38.9	93 18.7	5654.2	9.5	51	
23	7	1972	0.0	0236	-48 35.4	93 25.6	5659.9	9.9	49	
23	7	1972	0.0	0400	-48 26.4	93 41.4	5673.7	9.8	49	
23	7	1972	0.0	0600	-48 13.7	94 3.8	5693.3	9.5	49	
23	7	1972	0.0	0657	-48 7.8	94 14.2	5702.3	9.8	49	
23	7	1972	0.0	0800	-48 1.1	94 25.9	5712.7	9.7	49	
23	7	1972	0.0	0935	-47 51.1	94 43.4	5728.1	2.5	292	
23	7	1972	0.0	0941	-47 51.0	94 43.0	5728.3	9.5	49	
23	7	1972	0.0	0950	-47 50.1	94 44.7	5729.7	9.5	50	
23	7	1972	0.0	1008	-47 48.3	94 47.9	5732.6	9.5	50	
23	7	1972	0.0	1140	-47 39.0	95 4.7	5747.2	9.7	46	
23	7	1972	0.0	1200	-47 36.8	95 8.2	5750.4	9.7	46	
23	7	1972	0.0	1230	-47 33.4	95 13.4	5755.3	9.4	49	
23	7	1972	0.0	1342	-47 26.1	95 26.0	5766.5	9.5	49	
23	7	1972	0.0	1430	-47 21.1	95 34.7	5774.2	9.4	49	
23	7	1972	0.0	1442	-47 19.9	95 36.8	5776.1	9.4	49	
23	7	1972	0.0	1526	-47 15.5	95 44.5	5782.9	9.5	51	
23	7	1972	0.0	1541	-47 14.0	95 47.3	5785.3	9.9	51	
23	7	1972	0.0	1822	-46 57.4	96 18.0	5812.0	9.7	51	
23	7	1972	0.0	2000	-46 47.6	96 36.2	5827.8	9.6	51	
23	7	1972	0.0	2030	-46 44.7	96 41.7	5832.6	9.6	50	
23	7	1972	0.0	2200	-46 35.5	96 57.8	5847.0	9.7	50	
23	7	1972	0.0	2218	-46 33.7	97 1.0	5849.9	9.8	45	
23	7	1972	0.0	2238	-46 31.4	97 4.4	5853.1	8.2	320	
23	7	1972	0.0	2241	-46 31.1	97 4.0	5853.6	9.6	45	
23	7	1972	0.0	2334	-46 25.1	97 12.8	5862.1	9.5	47	
24	7	1972	0.0	0000	-46 22.3	97 17.2	5866.2	10.0	47	
24	7	1972	0.0	0058	-46 15.8	97 27.5	5875.8	9.8	51	
24	7	1972	0.0	0212	-46 8.3	97 41.1	5887.8	10.2	51	
24	7	1972	0.0	0430	-45 53.6	98 7.4	5911.3	10.3	51	
24	7	1972	0.0	0710	-45 36.4	98 38.2	5938.8	10.6	53	
24	7	1972	0.0	0730	-45 34.3	98 42.2	5942.3	10.5	53	
24	7	1972	0.0	0759	-45 31.3	98 48.1	5947.4	10.3	48	
24	7	1972	0.0	0838	-45 26.9	98 55.3	5954.1	9.9	47	
24	7	1972	0.0	1030	-45 14.4	99 14.7	5972.6	9.7	47	
24	7	1972	0.0	1206	-45 4.0	99 31.1	5988.2	9.6	49	
24	7	1972	0.0	1230	-45 1.4	99 35.2	5992.0	9.7	49	
24	7	1972	0.0	1430	-44 48.7	99 55.9	6011.5	9.9	48	
24	7	1972	0.0	1500	-44 45.5	100 1.2	6016.4	9.6	46	
24	7	1972	0.0	1624	-44 36.1	100 14.8	6029.8	9.5	43	
24	7	1972	0.0	1800	-44 25.0	100 29.4	6045.1	9.3	43	
24	7	1972	0.0	1942	-44 13.5	100 44.6	6060.9	9.2	43	
24	7	1972	0.0	2000	-44 11.5	100 47.2	6063.6	8.8	43	
24	7	1972	0.0	2144	-44 0.4	101 1.6	6078.8	8.9	45	

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
24	7	1972	0.0	2235	-43 55.1	101 9.1	6086.4	8.2	33	
24	7	1972	0.0	2237	-43 54.9	101 9.3	6086.7	9.0	45	
24	7	1972	0.0	2318	-43 50.5	101 15.4	6092.8	9.2	46	
25	7	1972	0.0	0000	-43 46.1	101 21.9	6099.3	9.1	46	
25	7	1972	0.0	0010	-43 45.1	101 23.4	6100.8	9.2	49	
25	7	1972	0.0	0132	-43 36.8	101 36.6	6113.4	6.2	52	
25	7	1972	0.0	0158	-43 35.2	101 39.5	6116.1	6.0	51	
25	7	1972	0.0	0221	-43 33.7	101 42.0	6118.4	8.8	48	
25	7	1972	0.0	0430	-43 21.2	102 1.5	6137.2	8.9	48	
25	7	1972	0.0	0432	-43 21.0	102 1.8	6137.5	8.8	48	
25	7	1972	0.0	0630	-43 9.6	102 19.6	6154.9	9.2	48	
25	7	1972	0.0	0746	-43 1.8	102 31.5	6166.5	9.6	48	
25	7	1972	0.0	0800	-43 0.4	102 33.8	6168.7	9.8	48	
25	7	1972	0.0	0942	-42 49.4	102 50.8	6185.4	5.6	33	
25	7	1972	0.0	0943	-42 49.3	102 50.9	6185.5	10.2	48	
25	7	1972	0.0	1000	-42 47.4	102 53.9	6188.4	10.1	48	
25	7	1972	0.0	1120	-42 38.5	103 7.5	6201.8	9.9	45	
25	7	1972	0.0	1126	-42 37.8	103 8.5	6202.8	10.5	45	
25	7	1972	0.0	1232	-42 29.7	103 19.6	6214.3	10.5	42	
25	7	1972	0.0	1251	-42 27.3	103 22.7	6217.6	10.2	42	
25	7	1972	0.0	1304	-42 25.7	103 24.7	6219.8	10.2	42	
25	7	1972	0.0	1350	-42 19.9	103 31.9	6227.6	10.0	41	
25	7	1972	0.0	1400	-42 18.7	103 33.5	6229.3	10.2	41	
25	7	1972	0.0	1600	-42 3.5	103 51.7	6249.6	10.2	41	
25	7	1972	0.0	1800	-41 48.4	104 9.9	6269.9	10.3	41	
25	7	1972	0.0	1856	-41 41.2	104 18.5	6279.6	10.2	41	
25	7	1972	0.0	1925	-41 37.5	104 22.9	6284.5	10.2	45	
25	7	1972	0.0	2130	-41 22.5	104 43.2	6305.9	10.3	45	
25	7	1972	0.0	2230	-41 15.3	104 52.9	6316.1	10.1	46	
25	7	1972	0.0	2330	-41 8.3	105 2.7	6326.3	9.8	46	
25	7	1972	0.0	2340	-41 7.2	105 4.3	6327.9	10.0	46	
26	7	1972	0.0	0030	-41 1.5	105 12.3	6336.2	10.1	46	
26	7	1972	0.0	0108	-40 57.1	105 18.5	6342.6	10.1	47	
26	7	1972	0.0	0230	-40 47.8	105 32.1	6356.5	10.0	47	
26	7	1972	0.0	0340	-40 39.9	105 43.5	6368.2	10.0	47	
26	7	1972	0.0	0430	-40 34.3	105 51.7	6376.5	10.1	47	
26	7	1972	0.0	0700	-40 17.4	106 16.2	6401.7	9.9	47	
26	7	1972	0.0	0704	-40 16.9	106 16.8	6402.4	10.1	47	
26	7	1972	0.0	0852	-40 4.5	106 34.3	6420.6	10.1	47	
26	7	1972	0.0	0938	-39 59.3	106 41.6	6428.3	8.3	0	
26	7	1972	0.0	0940	-39 59.0	106 41.6	6428.6	10.0	47	
26	7	1972	0.0	1032	-39 53.1	106 49.9	6437.3	10.4	47	
26	7	1972	0.0	1230	-39 39.2	107 9.4	6457.7	10.4	47	
26	7	1972	0.0	1326	-39 32.6	107 18.6	6467.4	10.5	48	
26	7	1972	0.0	1430	-39 25.2	107 29.3	6478.5	10.4	48	
26	7	1972	0.0	1448	-39 23.1	107 32.3	6481.6	10.2	46	
26	7	1972	0.0	1630	-39 11.1	107 48.6	6499.0	10.0	46	
26	7	1972	0.0	1636	-39 10.5	107 49.5	6500.0	9.8	46	
26	7	1972	0.0	1812	-38 59.6	108 4.1	6515.6	10.0	45	
26	7	1972	0.0	1830	-38 57.5	108 6.8	6518.6	10.0	45	
26	7	1972	0.0	2002	-38 46.8	108 20.9	6534.0	9.9	43	
26	7	1972	0.0	2034	-38 43.0	108 25.6	6539.2	10.4	43	
26	7	1972	0.0	2241	-38 27.2	108 45.1	6561.2	7.3	301	
26	7	1972	0.0	2245	-38 26.9	108 44.5	6561.7	10.3	43	
27	7	1972	0.0	0130	-38 6.5	109 9.5	6590.0	10.3	43	
27	7	1972	0.0	0330	-37 51.7	109 27.6	6610.6	10.1	43	
27	7	1972	0.0	0459	-37 40.8	109 40.8	6625.6	10.2	38	
27	7	1972	0.0	0600	-37 32.7	109 49.0	6636.0	10.2	38	
27	7	1972	0.0	0800	-37 16.8	110 5.1	6656.4	10.3	38	
27	7	1972	0.0	0924	-37 5.7	110 16.4	6670.7	5.8	273	
27	7	1972	0.0	0929	-37 5.6	110 15.8	6671.2	10.0	38	
27	7	1972	0.0	0944	-37 3.7	110 17.8	6673.7	10.1	37	
27	7	1972	0.0	1048	-36 55.1	110 25.9	6684.5	10.2	39	
27	7	1972	0.0	1130	-36 49.6	110 31.6	6691.7	10.2	39	
27	7	1972	0.0	1259	-36 37.9	110 43.7	6706.8	10.1	41	
27	7	1972	0.0	1404	-36 29.7	110 52.7	6717.8	9.9	43	
27	7	1972	0.0	1500	-36 23.0	111 0.6	6727.0	9.9	43	
27	7	1972	0.0	1546	-36 17.4	111 7.0	6734.6	9.9	41	
27	7	1972	0.0	1700	-36 8.3	111 17.1	6746.8	9.8	41	
27	7	1972	0.0	1902	-35 53.4	111 33.6	6766.8	9.8	41	

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
27	7	1972	0.0	1930	-35 50.0	111 37.3	6771.4	9.9	41	
27	7	1972	0.0	*2052	-35 40.0	111 48.4	6784.8	9.5	42	
27	7	1972	0.0	2130	-35 35.5	111 53.4	6790.9	9.5	42	
27	7	1972	0.0	*2330	-35 21.4	112 9.0	6809.9	9.1	41	
28	7	1972	0.0	0150	-35 5.5	112 26.2	6831.1	9.7	41	
28	7	1972	0.0	0300	-34 57.0	112 35.4	6842.5	9.6	41	
28	7	1972	0.0	0500	-34 42.6	112 50.9	6861.6	9.5	41	
28	7	1972	0.0	0731	-34 24.7	113 10.2	6885.6	6.1	40	
28	7	1972	0.0	0753	-34 23.0	113 12.0	6887.9	9.6	41	
28	7	1972	0.0	1032	-34 4.0	113 32.3	6913.2	5.6	40	
28	7	1972	0.0	1046	-34 3.0	113 33.3	6914.5	9.5	41	
28	7	1972	0.0	1200	-33 54.2	113 42.7	6926.3	9.7	41	
28	7	1972	0.0	1259	-33 47.1	113 50.3	6935.8	9.6	33	
28	7	1972	0.0	*1330	-33 42.9	113 53.6	6940.7	9.3	32	
28	7	1972	0.0	1430	-33 35.1	113 59.5	6950.0	9.4	32	
28	7	1972	0.0	1707	-33 14.3	114 15.3	6974.7	9.4	30	
28	7	1972	0.0	1848	-33 0.5	114 24.8	6990.6	9.5	36	
28	7	1972	0.0	*1954	-32 52.1	114 32.3	7001.0	9.0	39	
28	7	1972	0.0	2130	-32 41.0	114 43.3	7015.4	9.1	39	
28	7	1972	0.0	*2142	-32 39.6	114 44.6	7017.3	9.3	39	
28	7	1972	0.0	2300	-32 30.2	114 53.7	7029.4	9.3	39	
29	7	1972	0.0	*0042	-32 18.0	115 5.5	7045.1	9.6	38	
29	7	1972	0.0	*0112	-32 14.3	115 9.1	7049.9	10.3	37	
29	7	1972	0.0	0230	-32 3.7	115 18.8	7063.4	6.2	37	
29	7	1972	0.0	0242	-32 2.7	115 19.7	7064.6	10.2	44	
29	7	1972	0.0	0310	-31 59.2	115 23.6	7069.4	10.8	54	
29	7	1972	0.0	0321	-31 58.1	115 25.5	7071.4	9.4	59	
29	7	1972	0.0	0329	-31 57.4	115 26.8	7072.6	10.8	69	
29	7	1972	0.0	0334	-31 57.1	115 27.7	7073.5	9.7	80	
29	7	1972	0.0	0339	-31 57.0	115 28.7	7074.3	9.8	90	
29	7	1972	0.0	0350	-31 57.0	115 30.8	7076.1	11.4	100	
29	7	1972	0.0	0359	-31 57.3	115 32.8	7077.8	10.9	111	
29	7	1972	0.0	0409	-31 58.0	115 34.8	7079.6	10.9	121	
29	7	1972	0.0	0418	-31 58.8	115 36.4	7081.3	10.9	126	
29	7	1972	0.0	0429	-32 0.0	115 38.3	7083.3	10.9	131	
29	7	1972	0.0	0439	-32 1.2	115 39.9	7085.1	10.0	136	
29	7	1972	0.0	0445	-32 2.0	115 40.7	7086.1	3.7	140	
29	7	1972	0.0	0455	-32 2.5	115 41.2	7086.7	4.3	184	
29	7	1972	0.0	0459	-32 2.7	115 41.2	7087.0	4.1	227	
29	7	1972	0.0	0502	-32 2.9	115 41.0	7087.2	3.2	268	
29	7	1972	0.0	0506	-32 2.9	115 40.7	7087.4	5.9	226	
29	7	1972	0.0	0509	-32 3.1	115 40.5	7087.7	4.1	96	
29	7	1972	0.0	0514	-32 3.1	115 40.9	7088.1	5.2	91	
29	7	1972	0.0	0517	-32 3.1	115 41.2	7088.3	5.8	85	
29	7	1972	0.0	0526	-32 3.1	115 42.2	7089.2	6.6	80	
29	7	1972	0.0	0530	-32 3.0	115 42.7	7089.6	0.4	254	
29	7	1972	0.0	0558	-32 3.0	115 42.5	7089.8			

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
30	7	1972	0.0	*0210	-32 3.0	115 42.5	0.0	0.6	109	
30	7	1972	0.0	0211	-32 3.0	115 42.5	0.0	4.4	267	
30	7	1972	0.0	0220	-32 3.0	115 41.7	0.7	5.0	317	
30	7	1972	0.0	0226	-32 2.7	115 41.3	1.2	8.7	316	
30	7	1972	0.0	0232	-32 2.0	115 40.6	2.0	9.3	327	
30	7	1972	0.0	0236	-32 1.5	115 40.2	2.7	8.8	332	
30	7	1972	0.0	0242	-32 0.7	115 39.8	3.5	9.3	306	
30	7	1972	0.0	0259	-31 59.2	115 37.3	6.2	8.8	300	
30	7	1972	0.0	0325	-31 57.2	115 33.4	10.0	7.9	268	
30	7	1972	0.0	0348	-31 57.3	115 29.8	13.0	6.7	268	
30	7	1972	0.0	0415	-31 57.4	115 26.3	16.0	5.4	219	
30	7	1972	0.0	0420	-31 57.8	115 25.9	16.5	6.1	268	
30	7	1972	0.0	0425	-31 57.8	115 25.3	17.0	6.0	217	
30	7	1972	0.0	0459	-32 0.5	115 22.9	20.4	6.7	209	
30	7	1972	0.0	0530	-32 3.5	115 20.8	23.9	6.4	209	
30	7	1972	0.0	0630	-32 9.0	115 17.1	30.2	5.3	208	
30	7	1972	0.0	*0712	-32 12.3	115 15.0	33.9	6.1	213	
30	7	1972	0.0	0730	-32 13.8	115 13.8	35.8	6.3	213	
30	7	1972	0.0	0800	-32 16.4	115 11.8	38.9	6.7	213	
30	7	1972	0.0	0830	-32 19.2	115 9.6	42.3	7.4	213	
30	7	1972	0.0	0900	-32 22.3	115 7.1	46.0	7.1	213	
30	7	1972	0.0	*1000	-32 28.2	115 2.5	53.1	6.9	214	
30	7	1972	0.0	*1056	-32 33.5	114 58.1	59.5	6.8	216	
30	7	1972	0.0	1100	-32 33.8	114 57.8	60.0	6.5	216	
30	7	1972	0.0	1200	-32 39.1	114 53.2	66.5	5.5	216	
30	7	1972	0.0	*1240	-32 42.1	114 50.6	70.2	6.0	218	
30	7	1972	0.0	1300	-32 43.6	114 49.1	72.2	5.7	218	
30	7	1972	0.0	*1322	-32 45.3	114 47.6	74.3	5.8	213	
30	7	1972	0.0	1400	-32 48.3	114 45.2	77.9	5.5	213	
30	7	1972	0.0	1430	-32 50.6	114 43.4	80.7	5.1	213	
30	7	1972	0.0	1500	-32 52.7	114 41.7	83.2	5.4	213	
30	7	1972	0.0	*1510	-32 53.5	114 41.1	84.1	5.9	214	
30	7	1972	0.0	1530	-32 55.1	114 39.8	86.1	6.1	214	
30	7	1972	0.0	1630	-33 0.2	114 35.7	92.2	6.1	214	
30	7	1972	0.0	1730	-33 5.3	114 31.6	98.4	6.0	214	
30	7	1972	0.0	1830	-33 10.2	114 27.6	104.3	5.9	214	
30	7	1972	0.0	1900	-33 12.6	114 25.6	107.3	6.1	214	
30	7	1972	0.0	2000	-33 17.7	114 21.5	113.4	6.4	214	
30	7	1972	0.0	*2014	-33 19.0	114 20.5	114.9	5.4	214	
30	7	1972	0.0	2100	-33 22.4	114 17.7	119.1	6.4	214	
30	7	1972	0.0	2200	-33 27.7	114 13.4	125.5	6.9	214	
30	7	1972	0.0	2230	-33 30.5	114 11.0	128.9	7.1	214	
30	7	1972	0.0	2330	-33 36.4	114 6.2	136.0	7.2	214	
30	7	1972	0.0	2359	-33 39.3	114 3.8	139.5	8.0	180	
31	7	1972	0.0	0030	-33 43.4	114 3.8	143.6	7.4	180	
31	7	1972	0.0	*0118	-33 49.3	114 3.7	149.5	7.8	174	
31	7	1972	0.0	0130	-33 50.9	114 3.9	151.1	7.5	174	
31	7	1972	0.0	0230	-33 58.4	114 4.8	158.6	8.1	174	
31	7	1972	0.0	0300	-34 2.4	114 5.2	162.7	8.5	175	
31	7	1972	0.0	0329	-34 6.5	114 5.6	166.8	9.6	139	
31	7	1972	0.0	0400	-34 10.3	114 9.5	171.8	9.7	139	
31	7	1972	0.0	0430	-34 13.9	114 13.4	176.6	9.7	139	
31	7	1972	0.0	0600	-34 24.9	114 24.9	191.1	9.1	139	
31	7	1972	0.0	*0626	-34 27.9	114 28.0	195.1	9.3	137	
31	7	1972	0.0	0630	-34 28.3	114 28.5	195.7	9.5	137	
31	7	1972	0.0	0730	-34 35.3	114 36.4	205.2	9.8	137	
31	7	1972	0.0	0800	-34 38.9	114 40.4	210.1	9.5	137	
31	7	1972	0.0	0930	-34 49.4	114 52.2	224.4	9.7	137	
31	7	1972	0.0	*1006	-34 53.7	114 57.1	230.2	9.5	135	
31	7	1972	0.0	1030	-34 56.4	115 0.3	234.0	10.1	135	
31	7	1972	0.0	*1054	-34 59.3	115 3.7	238.1	9.2	133	
31	7	1972	0.0	1130	-35 3.1	115 8.6	243.6	9.0	133	
31	7	1972	0.0	*1152	-35 5.3	115 11.6	246.9	9.3	138	
31	7	1972	0.0	1330	-35 16.8	115 23.8	262.1	9.2	138	
31	7	1972	0.0	*1418	-35 22.3	115 29.7	269.4	9.6	139	
31	7	1972	0.0	1430	-35 23.8	115 31.2	271.4	9.7	139	
31	7	1972	0.0	1630	-35 38.6	115 46.6	290.8	9.8	138	
31	7	1972	0.0	1730	-35 45.9	115 54.6	300.5	9.6	138	
31	7	1972	0.0	1926	-35 59.7	116 10.0	319.1	9.6	133	
31	7	1972	0.0	2030	-36 6.7	116 19.1	329.3	9.6	133	

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
31	7	1972	0.0	*2042	-36 8.1	116 20.9	331.3	10.0	133	
31	7	1972	0.0	2130	-36 13.5	116 28.1	339.2	9.6	133	
31	7	1972	0.0	2229	-36 19.9	116 36.6	348.6	9.6	128	
1	8	1972	0.0	0030	-36 31.9	116 55.4	368.0	8.8	128	
1	8	1972	0.0	*0140	-36 38.3	117 5.5	378.3	8.8	123	
1	8	1972	0.0	0143	-36 38.6	117 5.9	378.7	9.3	123	
1	8	1972	0.0	0226	-36 42.3	117 12.9	385.4	8.7	123	
1	8	1972	0.0	0300	-36 45.0	117 18.1	390.3	9.4	123	
1	8	1972	0.0	0400	-36 50.1	117 27.8	399.7	9.7	128	
1	8	1972	0.0	0430	-36 53.1	117 32.6	404.5	9.1	127	
1	8	1972	0.0	0500	-36 55.9	117 37.1	409.1	9.5	127	
1	8	1972	0.0	*0722	-37 9.6	117 59.2	431.5	8.8	132	
1	8	1972	0.0	0730	-37 10.4	118 0.3	432.6	9.0	137	
1	8	1972	0.0	0814	-37 15.3	118 5.9	439.2	8.6	137	
1	8	1972	0.0	1000	-37 26.3	118 18.9	454.3	8.8	137	
1	8	1972	0.0	*1150	-37 38.1	118 32.7	470.4	8.7	139	
1	8	1972	0.0	1245	-37 44.1	118 39.2	478.3	8.5	139	
1	8	1972	0.0	1329	-37 48.8	118 44.4	484.6	8.6	134	
1	8	1972	0.0	1430	-37 54.9	118 52.3	493.3	8.4	134	
1	8	1972	0.0	*1516	-37 59.4	118 58.2	499.7	8.6	133	
1	8	1972	0.0	1530	-38 0.8	119 0.0	501.7	8.3	133	
1	8	1972	0.0	1600	-38 3.7	119 3.8	505.9	8.3	133	
1	8	1972	0.0	*1800	-38 15.1	119 18.9	522.4	8.7	134	
1	8	1972	0.0	*1836	-38 18.7	119 23.7	527.6	9.0	132	
1	8	1972	0.0	1900	-38 21.2	119 27.1	531.2	8.7	132	
1	8	1972	0.0	*1950	-38 26.0	119 34.0	538.5	8.9	131	
1	8	1972	0.0	2000	-38 27.0	119 35.4	540.0	9.4	131	
1	8	1972	0.0	*2118	-38 35.1	119 47.0	552.2	8.8	131	
1	8	1972	0.0	2200	-38 39.2	119 52.9	558.3	8.8	131	
2	8	1972	0.0	0000	-38 51.0	120 9.7	575.9	8.4	131	
2	8	1972	0.0	*0048	-38 55.5	120 16.2	582.7	8.2	133	
2	8	1972	0.0	0100	-38 56.6	120 17.7	584.3	8.2	133	
2	8	1972	0.0	0400	-39 13.4	120 40.9	608.9	8.1	133	
2	8	1972	0.0	0432	-39 16.4	120 44.9	613.2	9.6	133	
2	8	1972	0.0	0446	-39 17.9	120 47.0	615.5	8.8	133	
2	8	1972	0.0	0530	-39 22.3	120 53.1	621.9	8.9	133	
2	8	1972	0.0	*0634	-39 28.8	121 2.1	631.4	8.8	134	
2	8	1972	0.0	0730	-39 34.5	121 9.8	639.7	8.8	134	
2	8	1972	0.0	*0740	-39 35.6	121 11.1	641.1	8.9	132	
2	8	1972	0.0	0830	-39 40.6	121 18.2	648.5	8.6	132	
2	8	1972	0.0	*1012	-39 50.5	121 32.1	663.2	8.9	133	
2	8	1972	0.0	1030	-39 52.4	121 34.6	665.8	8.7	133	
2	8	1972	0.0	1159	-40 1.3	121 46.8	678.7	9.5	171	
2	8	1972	0.0	*1246	-40 8.6	121 48.2	686.1	9.9	170	
2	8	1972	0.0	1300	-40 10.9	121 48.7	688.5	9.6	170	
2	8	1972	0.0	*1428	-40 24.8	121 51.8	702.5	9.4	171	
2	8	1972	0.0	1500	-40 29.7	121 52.8	707.5	9.3	171	
2	8	1972	0.0	1700	-40 48.0	121 56.6	726.1	9.2	171	
2	8	1972	0.0	*1934	-41 11.4	122 1.6	749.7	9.0	169	
2	8	1972	0.0	2000	-41 15.2	122 2.5	753.6	8.8	169	
2	8	1972	0.0	*2036	-41 20.4	122 3.7	758.9	8.7	171	
2	8	1972	0.0	2115	-41 26.1	122 4.8	764.6	9.1	171	
2	8	1972	0.0	2213	-41 34.7	122 6.5	773.4	9.0	171	
2	8	1972	0.0	*2214	-41 34.9	122 6.5	773.5	9.2	173	
3	8	1972	0.0	0000	-41 51.0	122 9.1	789.7	8.9	173	
3	8	1972	0.0	0100	-41 59.8	122 10.6	798.6	8.9	173	
3	8	1972	0.0	0400	-42 26.2	122 14.9	825.2	8.7	173	
3	8	1972	0.0	*0554	-42 42.6	122 17.6	841.7	8.8	172	
3	8	1972	0.0	0630	-42 47.8	122 18.6	847.0	8.8	172	
3	8	1972	0.0	*0646	-42 50.1	122 19.0	849.3	8.8	172	
3	8	1972	0.0	0800	-43 0.8	122 21.0	860.1	8.8	172	
3	8	1972	0.0	1100	-43 26.9	122 25.8	886.4	8.7	172	
3	8	1972	0.0	*1158	-43 35.2	122 27.4	894.8	8.6	172	
3	8	1972	0.0	1230	-43 39.7	122 28.2	899.4	8.8	172	
3	8	1972	0.0	*1302	-43 44.4	122 29.1	904.0	9.1	171	
3	8	1972	0.0	1400	-43 53.1	122 30.8	912.9	9.2	171	
3	8	1972	0.0	1630	-44 15.8	122 35.4	935.8	9.2	171	
3	8	1972	0.0	*1700	-44 20.3	122 36.3	940.4	9.3	171	
3	8	1972	0.0	*1756	-44 28.9	122 38.0	949.1	9.2	170	
3	8	1972	0.0	1930	-44 43.2	122 41.4	963.6	9.3	170	

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
3	8	1972	0.0*	1942	-44 45.0	122 41.8	965.4	9.0	169	
3	8	1972	0.0*	2032	-44 52.4	122 43.8	972.9	9.2	169	
3	8	1972	0.0	2100	-44 56.7	122 44.9	977.2	9.1	169	
3	8	1972	0.0*	2126	-45 0.5	122 45.9	981.2	9.2	170	
3	8	1972	0.0	2230	-45 10.2	122 48.1	991.0	9.3	170	
3	8	1972	0.0*	2304	-45 15.4	122 49.3	996.2	9.1	169	
3	8	1972	0.0*	2356	-45 23.1	122 51.2	1004.1	9.2	170	
4	8	1972	0.0	0000	-45 23.7	122 51.4	1004.7	8.9	170	
4	8	1972	0.0	0300	-45 50.2	122 58.0	1031.5	8.3	170	
4	8	1972	0.0	0400	-45 58.4	123 0.1	1039.8	8.1	119	
4	8	1972	0.0	0423	-45 59.9	123 3.9	1042.9	9.0	119	
4	8	1972	0.0	0530	-46 4.8	123 16.5	1053.0	8.9	119	
4	8	1972	0.0*	0556	-46 6.7	123 21.3	1056.8	8.9	116	
4	8	1972	0.0	0700	-46 10.9	123 33.7	1066.3	8.4	115	
4	8	1972	0.0*	0744	-46 13.6	123 41.7	1072.5	8.4	113	
4	8	1972	0.0	0900	-46 17.9	123 55.8	1083.2	8.3	113	
4	8	1972	0.0	1000	-46 21.2	124 6.8	1091.4	8.1	115	
4	8	1972	0.0*	1024	-46 22.6	124 11.0	1094.7	8.0	115	
4	8	1972	0.0	1100	-46 24.7	124 17.3	1099.5	7.8	115	
4	8	1972	0.0*	1106	-46 25.0	124 18.3	1100.2	8.0	116	
4	8	1972	0.0	1200	-46 28.2	124 27.7	1107.5	7.6	117	
4	8	1972	0.0*	1254	-46 31.4	124 36.5	1114.3	7.7	121	
4	8	1972	0.0	1500	-46 39.8	124 56.6	1130.5	7.7	121	
4	8	1972	0.0	1600	-46 43.9	125 6.2	1138.2	8.0	121	
4	8	1972	0.0	1611	-46 44.6	125 8.0	1139.7	8.2	121	
4	8	1972	0.0	1700	-46 48.2	125 16.4	1146.4	8.2	121	
4	8	1972	0.0*	1754	-46 52.0	125 25.6	1153.8	8.3	120	
4	8	1972	0.0	1800	-46 52.5	125 26.6	1154.6	8.6	120	
4	8	1972	0.0*	1844	-46 55.7	125 34.5	1160.9	8.4	120	
4	8	1972	0.0	1900	-46 56.8	125 37.4	1163.2	8.6	120	
4	8	1972	0.0*	1940	-46 59.8	125 44.5	1168.9	8.7	120	
4	8	1972	0.0	2001	-47 1.3	125 48.4	1171.9	9.0	116	
4	8	1972	0.0*	2032	-47 3.4	125 54.4	1176.5	9.0	114	
4	8	1972	0.0	2100	-47 5.2	126 0.0	1180.7	9.2	115	
4	8	1972	0.0	2300	-47 12.9	126 24.4	1199.1	9.2	115	
5	8	1972	0.0*	0000	-47 16.8	126 36.7	1208.3	8.9	118	
5	8	1972	0.0*	0050	-47 20.4	126 46.3	1215.7	8.3	121	
5	8	1972	0.0	0100	-47 21.1	126 48.1	1217.1	8.6	121	
5	8	1972	0.0	0201	-47 25.6	126 59.1	1225.8	8.9	269	
5	8	1972	0.0	0230	-47 25.7	126 52.8	1230.1	9.0	269	
5	8	1972	0.0	0314	-47 25.7	126 43.1	1236.7	8.4	269	
5	8	1972	0.0	0400	-47 25.8	126 33.6	1243.1	8.8	269	
5	8	1972	0.0*	0500	-47 25.8	126 20.6	1251.9	9.2	269	
5	8	1972	0.0	0526	-47 25.9	126 14.7	1255.9	8.3	269	
5	8	1972	0.0*	0600	-47 26.0	126 7.7	1260.6	8.4	269	
5	8	1972	0.0	0630	-47 26.0	126 1.5	1264.8	8.4	269	
5	8	1972	0.0*	0646	-47 26.0	125 58.2	1267.1	8.0	268	
5	8	1972	0.0	0730	-47 26.2	125 49.5	1273.0	8.0	268	
5	8	1972	0.0*	0744	-47 26.3	125 46.7	1274.8	8.3	266	
5	8	1972	0.0*	0830	-47 26.7	125 37.3	1281.2	8.0	262	
5	8	1972	0.0	1030	-47 28.9	125 14.0	1297.1	7.1	261	
5	8	1972	0.0	1200	-47 30.6	124 58.3	1307.8	5.1	267	
5	8	1972	0.0*	1202	-47 30.6	124 58.1	1308.0	4.7	270	
5	8	1972	0.0	1230	-47 30.5	124 54.8	1310.2	5.7	272	
5	8	1972	0.0	1342	-47 30.2	124 44.7	1317.1	5.8	272	
5	8	1972	0.0	1430	-47 30.0	124 37.8	1321.7	5.7	272	
5	8	1972	0.0	1630	-47 29.5	124 20.9	1333.2	6.2	273	
5	8	1972	0.0*	1706	-47 29.3	124 15.4	1336.9	6.2	274	
5	8	1972	0.0	1730	-47 29.1	124 11.7	1339.4	6.3	274	
5	8	1972	0.0*	1750	-47 28.9	124 8.6	1341.5	6.4	271	
5	8	1972	0.0	1830	-47 28.9	124 2.3	1345.7	6.2	270	
5	8	1972	0.0	1841	-47 28.8	124 0.6	1346.9	7.8	97	
5	8	1972	0.0	1847	-47 29.0	124 1.8	1347.7	6.3	99	
5	8	1972	0.0	1904	-47 29.3	124 4.4	1349.4	1.1	164	START 26
5	8	1972	0.0*	1938	-47 29.8	124 4.6	1350.1	1.0	141	26
5	8	1972	0.0	1950	-47 30.0	124 4.8	1350.3	3.6	268	END 26
5	8	1972	0.0	2003	-47 30.0	124 3.7	1351.0	5.2	272	
5	8	1972	0.0	2100	-47 29.8	123 56.3	1356.0	5.0	272	
5	8	1972	0.0*	2120	-47 29.8	123 53.8	1357.7	5.5	273	
5	8	1972	0.0	2300	-47 29.1	123 40.4	1366.8	5.4	273	

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
6	8	1972	0.0*	0000	-47 28.8	123 32.4	1372.2	5.6	276	
6	8	1972	0.0	0200	-47 27.5	123 16.0	1383.4	5.1	276	
6	8	1972	0.0	0400	-47 26.4	123 1.1	1393.5	4.5	275	
6	8	1972	0.0*	0510	-47 25.9	122 53.4	1398.7	4.4	276	
6	8	1972	0.0	0600	-47 25.5	122 48.0	1402.4	5.1	277	
6	8	1972	0.0	0631	-47 25.2	122 44.2	1405.0	8.5	179	
6	8	1972	0.0*	0656	-47 28.7	122 44.3	1408.6	8.9	177	
6	8	1972	0.0	0700	-47 29.3	122 44.3	1409.2	7.9	176	
6	8	1972	0.0	0850	-47 43.8	122 45.5	1423.7	4.3	262	
6	8	1972	0.0	0856	-47 43.9	122 44.8	1424.1	8.3	177	
6	8	1972	0.0*	0924	-47 47.8	122 45.1	1428.0	7.8	175	
6	8	1972	0.0	0932	-47 48.8	122 45.3	1429.0	8.3	99	
6	8	1972	0.0*	1030	-47 50.1	122 57.0	1437.0	8.7	109	
6	8	1972	0.0*	1110	-47 52.0	123 5.1	1442.8	8.9	110	
6	8	1972	0.0	1130	-47 53.0	123 9.3	1445.8	8.4	110	
6	8	1972	0.0	1330	-47 58.9	123 32.7	1462.5	8.2	110	
6	8	1972	0.0*	1440	-48 2.2	123 46.1	1472.1	8.5	112	
6	8	1972	0.0	1530	-48 5.0	123 55.9	1479.2	8.9	112	
6	8	1972	0.0*	1616	-48 7.6	124 5.4	1486.1	8.4	111	
6	8	1972	0.0	1730	-48 11.4	124 19.9	1496.5	8.4	111	
6	8	1972	0.0	1800	-48 13.0	124 25.8	1500.7	7.5	112	
6	8	1972	0.0	1821	-48 14.0	124 29.4	1503.3	9.5	111	
6	8	1972	0.0	1900	-48 16.3	124 38.0	1509.5	8.9	111	
6	8	1972	0.0*	1950	-48 19.0	124 48.4	1516.9	8.9	115	
6	8	1972	0.0	2000	-48 19.6	124 50.4	1518.4	9.1	115	
6	8	1972	0.0	2101	-48 23.5	125 3.0	1527.6	8.1	359	
6	8	1972	0.0	2159	-48 15.7	125 3.0	1535.5	7.2	81	
6	8	1972	0.0	2202	-48 15.6	125 3.5	1535.8	8.2	359	
6	8	1972	0.0	2300	-48 7.7	125 3.5	1543.8	7.5	354	
6	8	1972	0.0*	2314	-48 5.9	125 3.2	1545.5	8.1	354	
7	8	1972	0.0	0000	-47 59.7	125 2.4	1551.8	8.2	354	
7	8	1972	0.0*	0026	-47 56.2	125 1.9	1555.3	8.3	355	
7	8	1972	0.0	0200	-47 43.1	125 0.4	1568.4	8.6	355	
7	8	1972	0.0	0259	-47 34.7	124 59.4	1576.8	8.3	358	
7	8	1972	0.0	0500	-47 18.0	124 58.8	1593.6	8.3	358	
7	8	1972	0.0*	0606	-47 8.8	124 58.4	1602.8	8.6	1	
7	8	1972	0.0	0700	-47 1.0	124 58.8	1610.5	8.6	1	
7	8	1972	0.0*	0754	-46 53.3	124 59.1	1618.3	8.4	0	
7	8	1972	0.0	0830	-46 48.3	124 59.2	1623.3	8.5	0	
7	8	1972	0.0	0904	-46 43.5	124 59.3	1628.1	4.1	258	
7	8	1972	0.0	0909	-46 43.5	124 58.9	1628.4	8.2	1	
7	8	1972	0.0	0930	-46 40.7	124 58.9	1631.3	5.3	250	
7	8	1972	0.0	1100	-46 43.4	124 48.0	1639.3	4.3	249	
7	8	1972	0.0	1230	-46 45.6	124 39.3	1645.7	4.4	249	
7	8	1972	0.0*	1352	-46 47.7	124 31.0	1651.7	4.6	244	
7	8	1972	0.0	1430	-46 49.0	124 27.2	1654.6	4.6	244	
7	8	1972	0.0	1600	-46 52.0	124 18.1	1661.5	4.6	244	
7	8	1972	0.0	1659	-46 53.9	124 12.1	1666.1	5.3	184	
7	8	1972	0.0*	1714	-46 55.2	124 11.9	1667.4	5.5	182	
7	8	1972	0.0	1730	-46 56.7	124 11.8	1668.9	6.4	183	
7	8	1972	0.0*	1746	-46 58.4	124 11.7	1670.6	6.2	182	
7	8	1972	0.0	1830	-47 2.9	124 11.4	1675.1	7.2	183	
7	8	1972	0.0*	1902	-47 6.8	124 11.1	1678.9	7.2	183	
7	8	1972	0.0	2030	-47 17.3	124 10.2	1689.5	7.0	183	
7	8	1972	0.0*	2048	-47 19.4	124 10.0	1691.6	6.7	180	
7	8	1972	0.0	2130	-47 24.1	124 9.9	1696.2	6.9	207	
7	8	1972	0.0*	2146	-47 25.7	124 8.7	1698.1	7.0	209	
7	8	1972	0.0	2211	-47 28.3	124 6.5	1701.0	5.5	192	
7	8	1972	0.0	2214	-47 28.5	124 6.5	1701.3	7.1	193	
7	8	1972	0.0	2227	-47 30.0	124 5.9	1702.8	0.8	94	
7	8	1972	0.0	2255	-47 30.0	124 6.4	1703.2	7.9	210	
7	8	1972	0.0	2330	-47 34.0	124 3.0	1707.8	7.1	209	
7	8	1972	0.0	2359	-47 37.0	124 0.5	1711.3	0.8	94	START 27
8	8	1972	0.0*	0012	-47 37.1	124 0.7	1711.4	0.9	134	27
8	8	1972	0.0*	0202	-47 38.2	124 2.5	1713.1	0.8	101	27
8	8	1972	0.0	0450	-47 38.7	124 5.7	1715.3	7.6	204	END 27
8	8	1972	0.0	0500	-47 39.8	124 5.0	1716.6	6.6	213	
8	8	1972	0.0*	0518	-47 41.5	124 3.3	1718.6	6.6	222	
8	8	1972	0.0	0600	-47 44.9	123 58.7	1723.2	5.4	222	
8	8	1972	0.0*	0704	-47 49.1	123 52.8	1729.0	5.0	225	

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
8	8	1972	0.0*	0736	-47 51.0	123 50.0	1731.6	5.9	220	
8	8	1972	0.0	0800	-47 52.8	123 47.7	1734.0	4.4	221	
8	8	1972	0.0*	0926	-47 57.6	123 41.4	1740.4	4.5	218	
8	8	1972	0.0	1000	-47 59.6	123 39.1	1742.9	4.4	218	
8	8	1972	0.0	1105	-48 3.3	123 34.7	1747.7	4.5	161	
8	8	1972	0.0	1200	-48 7.2	123 36.6	1751.8	4.4	161	
8	8	1972	0.0*	1228	-48 9.1	123 37.6	1753.8	4.5	148	
8	8	1972	0.0	1300	-48 11.2	123 39.5	1756.2	5.1	150	
8	8	1972	0.0	1500	-48 20.1	123 47.2	1766.5	4.7	149	
8	8	1972	0.0	1632	-48 26.3	123 52.7	1773.7	3.7	161	
8	8	1972	0.0*	1652	-48 27.4	123 53.3	1774.9	3.9	174	
8	8	1972	0.0	1729	-48 29.8	123 53.7	1777.3	4.5	160	
8	8	1972	0.0	1830	-48 34.2	123 56.1	1781.9	4.1	160	
8	8	1972	0.0	1859	-48 36.0	123 57.1	1783.9	2.9	201	
8	8	1972	0.0	2000	-48 38.8	123 55.4	1786.9	3.2	201	
8	8	1972	0.0	2200	-48 44.6	123 51.9	1793.2	3.0	201	
8	8	1972	0.0*	2244	-48 46.6	123 50.7	1795.4	3.0	203	
8	8	1972	0.0	2300	-48 47.4	123 50.2	1796.1	2.9	203	
8	8	1972	0.0*	2322	-48 48.3	123 49.6	1797.2	3.0	218	
9	8	1972	0.0	0000	-48 49.8	123 47.8	1799.1	3.1	217	
9	8	1972	0.0*	0006	-48 50.0	123 47.5	1799.4	2.9	205	
9	8	1972	0.0	0200	-48 54.9	123 44.0	1804.8	3.0	205	
9	8	1972	0.0	0230	-48 56.3	123 43.0	1806.3	3.2	195	
9	8	1972	0.0	0330	-48 59.4	123 41.7	1809.5	3.0	195	
9	8	1972	0.0	0454	-49 3.4	123 40.0	1813.7	3.0	190	
9	8	1972	0.0	0530	-49 5.2	123 39.5	1815.5	3.3	185	
9	8	1972	0.0	0630	-49 8.4	123 39.0	1818.7	4.4	185	
9	8	1972	0.0	0830	-49 17.2	123 37.8	1827.5	3.9	185	
9	8	1972	0.0*	0840	-49 17.8	123 37.7	1828.2	4.3	181	
9	8	1972	0.0	0930	-49 21.4	123 37.6	1831.8	4.1	180	
9	8	1972	0.0	1130	-49 29.6	123 37.4	1839.9	4.5	181	
9	8	1972	0.0*	1142	-49 30.5	123 37.4	1840.8	4.5	178	
9	8	1972	0.0	1200	-49 31.8	123 37.5	1842.2	4.8	173	
9	8	1972	0.0	1400	-49 41.3	123 39.0	1851.8	5.6	174	
9	8	1972	0.0	1600	-49 52.6	123 40.6	1863.0	5.6	174	
9	8	1972	0.0*	1724	-50 0.3	123 41.7	1870.8	5.6	175	
9	8	1972	0.0	1800	-50 3.7	123 42.1	1874.2	6.3	176	
9	8	1972	0.0*	1910	-50 10.9	123 42.9	1881.5	6.2	173	
9	8	1972	0.0	2000	-50 16.1	123 43.8	1886.6	6.9	174	
9	8	1972	0.0*	2014	-50 17.6	123 44.0	1888.2	7.1	174	
9	8	1972	0.0	2200	-50 30.2	123 45.8	1900.8	5.0	172	
9	8	1972	0.0	2300	-50 35.1	123 46.9	1905.7	6.4	174	
9	8	1972	0.0*	2344	-50 39.8	123 47.6	1910.5	6.8	174	
10	8	1972	0.0	0000	-50 41.6	123 47.9	1912.3	6.9	174	
10	8	1972	0.0	0100	-50 48.5	123 48.9	1919.2	7.1	174	
10	8	1972	0.0*	0208	-50 56.5	123 50.1	1927.2	7.1	175	
10	8	1972	0.0	0300	-51 2.6	123 50.9	1933.4	7.1	175	
10	8	1972	0.0	0500	-51 16.8	123 52.7	1947.6	7.5	175	
10	8	1972	0.0	0700	-51 31.8	123 54.6	1962.6	7.6	175	
10	8	1972	0.0	0900	-51 47.0	123 56.4	1977.9	7.5	176	
10	8	1972	0.0*	0904	-51 47.5	123 56.5	1978.4	7.6	173	
10	8	1972	0.0	1000	-51 54.5	123 57.7	1985.4	7.1	173	
10	8	1972	0.0	1031	-51 58.1	123 58.4	1989.1	5.8	8	
10	8	1972	0.0	1044	-51 56.9	123 58.7	1990.3	1.1	131	START 28
10	8	1972	0.0*	1050	-51 57.0	123 58.8	1990.5	0.5	100	28
10	8	1972	0.0*	1312	-51 57.2	124 0.8	1991.7	0.4	130	28
10	8	1972	0.0*	1502	-51 57.7	124 1.7	1992.4	0.9	118	28
10	8	1972	0.0	1625	-51 58.3	124 3.6	1993.7	5.5	176	END 28
10	8	1972	0.0	1635	-51 59.2	124 3.7	1994.6	7.4	178	
10	8	1972	0.0	1830	-52 13.3	124 4.3	2008.7	7.4	178	
10	8	1972	0.0	2030	-52 28.1	124 5.0	2023.5	7.5	178	
10	8	1972	0.0	2059	-52 31.7	124 5.2	2027.2	7.4	181	
10	8	1972	0.0*	2110	-52 33.0	124 5.2	2028.5	7.4	178	
10	8	1972	0.0	2147	-52 37.6	124 5.3	2033.1	7.3	180	
10	8	1972	0.0	2200	-52 39.2	124 5.3	2034.7	5.1	217	
10	8	1972	0.0	2202	-52 39.3	124 5.2	2034.8	7.3	180	
10	8	1972	0.0*	2222	-52 41.8	124 5.1	2037.3	7.6	181	
10	8	1972	0.0*	2256	-52 46.1	124 5.0	2041.6	7.6	181	
10	8	1972	0.0	2259	-52 46.5	124 5.0	2042.0	6.8	199	
11	8	1972	0.0	0000	-52 53.0	124 1.2	2048.9	6.9	199	

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
11	8	1972	0.0*	0010	-52 54.1	124 0.5	2050.1	7.1	199	
11	8	1972	0.0	0100	-52 59.7	123 57.2	2056.0	4.5	193	
11	8	1972	0.0	0115	-53 0.8	123 56.8	2057.1	1.3	132	START 29
11	8	1972	0.0*	0116	-53 0.8	123 56.8	2057.1	0.4	263	29
11	8	1972	0.0*	0450	-53 0.9	123 54.5	2058.5	0.6	95	29
11	8	1972	0.0	0703	-53 1.1	123 56.8	2059.9	5.1	7	END 29
11	8	1972	0.0	0715	-53 0.1	123 57.0	2060.9	8.4	4	
11	8	1972	0.0	0900	-52 45.4	123 58.8	2075.6	8.5	4	
11	8	1972	0.0*	1004	-52 36.4	123 59.9	2084.7	8.6	6	
11	8	1972	0.0	1100	-52 28.4	124 1.4	2092.7	8.5	6	
11	8	1972	0.0*	1148	-52 21.6	124 2.7	2098.5	8.3	5	
11	8	1972	0.0	1300	-52 11.7	124 4.2	2109.5	8.5	5	
11	8	1972	0.0	1400	-52 3.3	124 5.5	2118.0	4.8	9	
11	8	1972	0.0*	1406	-52 2.8	124 5.6	2118.4	4.9	7	
11	8	1972	0.0	1414	-52 2.1	124 5.7	2119.1	0.6	83	START 30
11	8	1972	0.0	1530	-52 2.0	124 7.0	2119.9	5.8	11	END 30
11	8	1972	0.0	1543	-52 0.8	124 7.4	2121.2	8.5	9	
11	8	1972	0.0	1630	-51 54.3	124 9.2	2127.8	8.8	9	
11	8	1972	0.0*	1736	-51 44.7	124 11.7	2137.5	8.7	11	
11	8	1972	0.0	1830	-51 37.1	124 14.2	2145.3	8.6	11	
11	8	1972	0.0*	1920	-51 30.0	124 16.6	2152.5	8.8	11	
11	8	1972	0.0	1930	-51 28.6	124 17.0	2153.9	8.4	11	
11	8	1972	0.0	2015	-51 22.4	124 19.0	2160.2	7.5	12	
11	8	1972	0.0	2030	-51 20.6	124 19.7	2162.1	8.0	11	
11	8	1972	0.0	2130	-51 12.8	124 22.3	2170.1	7.8	12	
11	8	1972	0.0*	2210	-51 7.7	124 24.0	2175.3	7.8	13	
11	8	1972	0.0	2230	-51 5.1	124 25.0	2177.9	7.7	13	
11	8	1972	0.0	2247	-51 3.0	124 25.8	2180.1	3.9	21	
11	8	1972	0.0	2259	-51 2.3	124 26.3	2180.9	1.1	93	START 31
11	8	1972	0.0*	2316	-51 2.3	124 26.8	2181.2	0.5	110	31
11	8	1972	0.0*	2356	-51 2.4	124 27.2	2181.5	0.4	212	31
12	8	1972	0.0*	0218	-51 3.2	124 26.4	2182.5	0.5	210	31
12	8	1972	0.0*	0538	-51 4.7	124 25.1	2184.2	1.0	90	31
12	8	1972	0.0	0543	-51 4.7	124 25.2	2184.3	4.2	14	END 31
12	8	1972	0.0	0554	-51 3.9	124 25.5	2185.1	5.8	10	
12	8	1972	0.0	0630	-51 0.5	124 26.5	2188.5	5.4	11	
12	8	1972	0.0*	0728	-50 55.4	124 28.1	2193.8	5.1	10	
12	8	1972	0.0	0830	-50 50.2	124 29.6	2199.0	5.2	10	
12	8	1972	0.0	1030	-50 40.1	124 32.4	2209.3	5.7	9	
12	8	1972	0.0*	1102	-50 37.0	124 33.2	2212.4	5.4	9	
12	8	1972	0.0	1230	-50 29.3	124 35.2	2220.3	5.3	9	
12	8	1972	0.0*	1248	-50 27.7	124 35.6	2221.8	5.9	6	
12	8	1972	0.0	1430	-50 17.7	124 37.3	2231.9	6.4	5	
12	8	1972	0.0	1512	-50 13.3	124 38.0	2236.4	7.0	5	
12	8	1972	0.0	1600	-50 7.7	124 38.8	2241.9	6.6	5	
12	8	1972	0.0	1706	-50 0.5	124 39.8	2249.2	4.1	9	
12	8	1972	0.0	1724	-49 59.3	124 40.1	2250.4	8.7	175	
12	8	1972	0.0	1742	-50 1.9	124 40.4	2253.0	0.6	92	START 32
12	8	1972	0.0*	1830	-50 1.9	124 41.2	2253.5	0.8	220	32
12	8	1972	0.0*	1938	-50 2.6	124 40.3	2254.4	0.9	167	32
12	8	1972	0.0*	2040	-50 3.6	124 40.6	2255.4	0.4	176	32
12	8	1972	0.0	2235	-50 4.4	124 40.7	2256.3	4.0	0	END 32
12	8	1972	0.0	2300	-50 2.7	124 40.7	2257.9	6.9	0	
12	8	1972	0.0*	2308	-50 1.8	124 40.7	2258.9	7.4	4	
13	8	1972	0.0	0100	-49 48.0	124 42.3	2272.7	7.5	4	
13	8	1972	0.0*	0130	-49 44.3	124 42.7	2276.4	7.7	14	
13	8	1972	0.0	0230	-49 36.8	124 45.5	2284.1	7.8	13	
13	8	1972	0.0	0430	-49 21.7	124 51.3	2299.6	7.9	13	
13	8	1972	0.0*	0454	-49 18.7	124 52.4	2302.8	7.7	15	
13	8	1972	0.0	0630	-49 6.8	124 57.6	2315.2	8.2	15	
13	8	1972	0.0*	0632	-49 6.5	124 57.7	2315.4	7.8	9	
13	8	1972	0.0	0654	-49 3.7	124 58.4	2318.3	6.7	190	
13	8	1972	0.0	0715	-49 6.0	124 57.8	2320.6	0.6	197	START 33
13	8	1972	0.0*	0846	-49 6.8	124 57.4	2321.5	0.5	182	33
13	8	1972	0.0*	1030	-49 7.7	124 57.3	2322.4	0.8	211	33
13	8	1972	0.0*	1200	-49 8.8	124 56.3	2323.7	0.4	142	33
13	8	1972	0.0	1307	-49 9.1	124 56.7	2324.1	4.5	34	END 33
13	8	1972	0.0	1319	-49 8.4	124 57.5	2325.0	7.5	32	
13	8	1972	0.0	1400	-49 4.1	125 1.7	2330.1	7.7	32	
13	8	1972	0.0*	1416	-49 2.4	125 3.4	2332.2	7.5	37	

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION	NO.
13	8	1972	0.0	1600	-48 52.1	125 15.5	2345.2	7.8	37		
13	8	1972	0.0	1800	-48 39.8	125 29.8	2360.7	7.7	37		
13	8	1972	0.0	1830	-48 36.8	125 33.4	2364.5	7.4	34		
13	8	1972	0.0	1900	-48 33.7	125 36.6	2368.3	7.7	34		
13	8	1972	0.0*1920	-48	31.6	125 38.8	2370.8	7.9	32		
13	8	1972	0.0	2030	-48 23.8	125 46.2	2380.0	8.2	32		
13	8	1972	0.0*2032	-48	23.6	125 46.4	2380.3	8.1	30		
13	8	1972	0.0	2130	-48 16.8	125 52.4	2388.1	8.1	30		
13	8	1972	0.0*2134	-48	16.4	125 52.8	2388.7	8.3	30		
13	8	1972	0.0	2200	-48 13.2	125 55.6	2392.3	8.4	35		
13	8	1972	0.0	2237	-48 9.0	126 0.1	2397.5	5.1	299		
13	8	1972	0.0	2240	-48 8.9	125 59.7	2397.7	8.7	35		
13	8	1972	0.0*2250	-48	7.7	126 1.0	2399.2	8.6	34		
13	8	1972	0.0*2322	-48	3.9	126 4.9	2403.8	8.6	33		
13	8	1972	0.0	2330	-48 3.0	126 5.8	2404.9	8.8	33		
14	8	1972	0.0	0001	-47 59.1	126 9.5	2409.5	8.7	248		
14	8	1972	0.0	0052	-48 1.8	125 59.3	2416.9	7.5	91		
14	8	1972	0.0	0055	-48 1.8	125 59.8	2417.2	9.9	91		
14	8	1972	0.0	0141	-48 2.0	126 11.2	2424.8	9.7	135		
14	8	1972	0.0	0211	-48 5.5	126 16.2	2429.7	7.6	303		
14	8	1972	0.0	0231	-48 4.1	126 13.1	2432.2	3.6	302		
14	8	1972	0.0	0243	-48 3.7	126 12.2	2432.9	0.2	167	START	34
14	8	1972	0.0*0404	-48	4.0	126 12.3	2433.2	0.6	143		34
14	8	1972	0.0*0536	-48	4.7	126 13.1	2434.1	0.5	74		34
14	8	1972	0.0*0756	-48	4.4	126 14.6	2435.2	0.6	143		34
14	8	1972	0.0	0908	-48 5.0	126 15.2	2435.9	5.6	270		34
14	8	1972	0.0	0938	-48 5.0	126 11.0	2438.7	0.6	143		34
14	8	1972	0.0	1017	-48 5.3	126 11.4	2439.1	5.6	265	END	34
14	8	1972	0.0	1045	-48 5.6	126 7.5	2441.7	5.8	3		
14	8	1972	0.0	1100	-48 4.1	126 7.6	2443.2	8.3	93		
14	8	1972	0.0*1112	-48	4.2	126 10.1	2444.8	8.2	93		
14	8	1972	0.0	1130	-48 4.3	126 13.8	2447.3	5.5	2		
14	8	1972	0.0	1145	-48 3.0	126 13.9	2448.7	5.8	265		
14	8	1972	0.0	1200	-48 3.1	126 11.7	2450.1	5.2	302		
14	8	1972	0.0	1215	-48 2.4	126 10.1	2451.4	8.0	303		
14	8	1972	0.0	1400	-47 54.7	125 52.5	2465.5	7.9	303		
14	8	1972	0.0*1516	-47	49.2	125 40.0	2475.5	7.7	302		
14	8	1972	0.0	1700	-47 41.9	125 23.2	2488.9	8.2	302		
14	8	1972	0.0*1826	-47	35.5	125 8.5	2500.7	8.0	300		
14	8	1972	0.0	1900	-47 33.2	125 2.8	2505.2	7.9	300		
14	8	1972	0.0*1946	-47	30.1	124 55.1	2511.3	7.7	300		
14	8	1972	0.0	2105	-47 24.9	124 42.1	2521.5	7.9	306		
14	8	1972	0.0	2200	-47 20.6	124 33.5	2528.7	7.9	306		
14	8	1972	0.0*2230	-47	18.2	124 28.9	2532.7	7.9	308		
14	8	1972	0.0	2300	-47 15.8	124 24.3	2536.6	7.8	308		
14	8	1972	0.0*2348	-47	11.9	124 17.1	2542.8	8.0	309		
15	8	1972	0.0	0000	-47 10.9	124 15.3	2544.4	7.6	309		
15	8	1972	0.0*0136	-47	3.2	124 1.5	2556.6	7.7	308		
15	8	1972	0.0	0300	-46 56.5	123 49.1	2567.3	7.3	308		
15	8	1972	0.0	0500	-46 47.5	123 32.5	2581.8	7.1	308		
15	8	1972	0.0*0504	-46	47.2	123 32.0	2582.3	6.9	308		
15	8	1972	0.0	0600	-46 43.2	123 24.6	2588.8	6.9	308		
15	8	1972	0.0*0628	-46	41.2	123 20.9	2592.0	7.5	313		
15	8	1972	0.0	0700	-46 38.4	123 16.7	2596.0	9.4	180		
15	8	1972	0.0	0800	-46 47.8	123 16.5	2605.4	9.3	180		
15	8	1972	0.0	0855	-46 56.3	123 16.3	2613.9	7.5	62		
15	8	1972	0.0	0859	-46 56.1	123 16.9	2614.4	9.3	180		
15	8	1972	0.0	1000	-47 5.5	123 16.7	2623.8	9.4	180		
15	8	1972	0.0*1024	-47	9.3	123 16.6	2627.6	9.2	179		
15	8	1972	0.0	1200	-47 24.0	123 16.9	2642.3	9.1	179		
15	8	1972	0.0*1212	-47	25.8	123 16.9	2644.1	9.0	181		
15	8	1972	0.0	1400	-47 42.0	123 16.2	2660.3	8.9	181		
15	8	1972	0.0*1426	-47	45.8	123 16.0	2664.1	9.5	182		
15	8	1972	0.0	1500	-47 51.2	123 15.6	2669.5	9.5	182		
15	8	1972	0.0	1545	-47 58.3	123 15.1	2676.6	3.8	0		
15	8	1972	0.0	1621	-47 56.0	123 15.2	2678.9	0.4	117	START	35
15	8	1972	0.0*1732	-47	56.2	123 15.8	2679.4	0.2	181		35
15	8	1972	0.0	1833	-47 56.4	123 15.8	2679.6	6.3	184	END	35
15	8	1972	0.0	1843	-47 57.4	123 15.7	2680.6	9.3	184		
15	8	1972	0.0	2030	-48 14.0	123 13.5	2697.3	9.6	184		

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION	NO.
15	8	1972	0.0	2130	-48 23.6	123 12.3	2706.9	8.5	88		
15	8	1972	0.0*2138	-48	23.6	123 14.0	2708.1	8.3	92		
15	8	1972	0.0*2228	-48	23.9	123 24.4	2715.0	8.3	89		
15	8	1972	0.0	2330	-48 23.7	123 37.3	2723.6	8.3	89		
16	8	1972	0.0	0030	-48 23.6	123 49.8	2731.9	8.2	89		
16	8	1972	0.0	0051	-48 23.5	123 54.2	2734.7	8.1	262		
16	8	1972	0.0	0113	-48 23.9	123 49.7	2737.7	4.9	261		
16	8	1972	0.0	0131	-48 24.1	123 47.5	2739.2	0.4	217	START	36
16	8	1972	0.0*0414	-48	25.0	123 46.5	2740.3	0.9	280		36
16	8	1972	0.0*0532	-48	24.8	123 44.8	2741.4	1.1	245		36
16	8	1972	0.0*0720	-48	25.6	123 42.1	2743.4	1.0	211		36
16	8	1972	0.0	0749	-48 26.0	123 41.8	2743.9	3.9	352	END	36
16	8	1972	0.0	0815	-48 24.3	123 41.4	2745.6	5.1	93		
16	8	1972	0.0	0818	-48 24.3	123 41.8	2745.8	7.6	91		
16	8	1972	0.0	0900	-48 24.4	123 49.8	2751.1	7.4	91		
16	8	1972	0.0*0934	-48	24.5	123 56.1	2755.3	7.6	95		
16	8	1972	0.0	1100	-48 25.5	124 12.5	2766.2	7.8	94		
16	8	1972	0.0*1150	-48	26.0	124 22.3	2772.8	8.2	94		
16	8	1972	0.0	1200	-48 26.1	124 24.4	2774.1	7.4	85		
16	8	1972	0.0	1301	-48 25.5	124 35.6	2781.6	7.4	285		
16	8	1972	0.0	1500	-48 21.7	124 14.3	2796.3	7.1	284		
16	8	1972	0.0*1516	-48	21.2	124 11.6	2798.2	7.2	287		
16	8	1972	0.0	1600	-48 19.6	124 4.0	2803.5	7.3	287		
16	8	1972	0.0*1636	-48	18.3	123 57.7	2807.8	7.5	288		
16	8	1972	0.0	1800	-48 15.1	123 42.8	2818.3	7.6	288		
16	8	1972	0.0*1822	-48	14.2	123 38.8	2821.0	7.8	290		
16	8	1972	0.0	1900	-48 12.5	123 31.9	2825.9	8.2	290		
16	8	1972	0.0	1931	-48 11.0	123 26.0	2830.2	7.5	68		
16	8	1972	0.0*1956	-48	9.8	123 30.4	2833.3	7.3	68		
16	8	1972	0.0	2030	-48 8.3	123 36.2	2837.5	7.3	69		
16	8	1972	0.0	2109	-48 6.6	123 42.8	2842.2	7.1	71		
16	8	1972	0.0*2138	-48	5.5	123 47.6	2845.6	7.1	73		
16	8	1972	0.0	2200	-48 4.8	123 51.4	2848.2	7.0	73		
16	8	1972	0.0*2234	-48	3.7	123 57.0	2852.2	7.6	72		
16	8	1972	0.0*2328	-48	1.7	124 6.8	2859.0	7.4	76		
17	8	1972	0.0	0000	-48 0.8	124 12.6	2863.0	7.3	76		
17	8	1972	0.0	0100	-47 59.1	124 23.1	2870.2	7.4	76		
17	8	1972	0.0	0152	-47 57.6	124 32.5	2876.7	6.1	78		
17	8	1972	0.0	0201	-47 57.4	124 33.8	2877.6	8.6	279		
17	8	1972	0.0	0300	-47 56.0	124 21.5	2886.0	8.4	279		
17	8	1972	0.0	0400	-47 54.6	124 9.1	2894.4	7.7	292		
17	8	1972	0.0*0442	-47	52.5	124 1.7	2899.8	8.1	293		
17	8	1972	0.0	0502	-47 51.5	123 58.0	2902.5	8.5	288		
17	8	1972	0.0	0601	-47 48.8	123 46.2	2910.8	6.9	98		
17	8	1972	0.0	0631	-47 49.4	123 51.3	2914.3	4.7	102		
17	8	1972	0.0	0643	-47 49.6	123 52.6	2915.2	1.0	184	START	37
17	8	1972	0.0*0848	-47	51.7	123 52.4	2917.4	0.9	219		37
17	8	1972	0.0	0930	-47 52.2	123 51.7	2918.0	4.6	326	END	37
17	8	1972	0.0	0948	-47 51.1	123 50.6	2919.4	6.9	330		
17	8	1972	0.0*1032	-47	46.7	123 46.9	2924.5	6.5	333		
17	8	1972	0.0	1100	-47 44.0	123 44.9	2927.5	7.2	92		
17	8	1972	0.0	1130	-47 44.1	123 50.3	2931.1	7.4	91		
17	8	1972	0.0	1200	-47 44.3	123 55.8	2934.8	7.7	91		
17	8	1972	0.0	1300	-47 44.5	124 7.2	2942.5	7.3	86		
17	8	1972	0.0	1400	-47 44.1	124 18.1	2949.8	6.8	87		
17	8	1972	0.0	1413	-47 44.0	124 20.3	2951.3	7.3	86		
17	8	1972	0.0*1436	-47	43.9	124 24.4	2954.1	7.6	87		
17	8	1972	0.0	1440	-47 43.8	124 25.2	2954.6	5.6	17		
17	8	1972	0.0	1500	-47 42.1	124 26.0	2956.5	5.8	16		
17	8	1972	0.0*1542	-47	38.2	124 27.8	2960.6	5.7	15		
17	8	1972	0.0	1700	-47 31.1	124 30.7	2967.9	5.4	15		
17	8	1972	0.0	1900	-47 20.7	124 35.0	2978.7	5.1	15		
17	8	1972	0.0	2030	-47 13.4	124 38.1	2986.3	6.3	72		
17	8	1972	0.0*2050	-47	12.8	124 41.0	2988.4	6.5	69		
17	8	1972	0.0	2200	-47 10.1	124 51.5	2996.0	6.5	69		
17	8	1972	0.0*2238	-47	8.7	124 57.1	3000.1	6.2	66		
17	8	1972	0.0	2259	-47 7.9	125 0.0	3002.2	5.9	58		
18	8	1972	0.0	0000	-47 4.7	125 7.6	3008.3	6.1	58		
18	8	1972	0.0	0030	-47 3.1	125 11.4	3011.3	5.5	58		
18	8	1972	0.0*0056	-47	1.8	125 14.3	3013.7	5.5	55		

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
18	8	1972	0.0	0130	-47 0.0	125 18.1	3016.8	5.4	55	
18	8	1972	0.0	0300	-46 55.5	125 28.0	3024.9	6.3	55	
18	8	1972	0.0	0330	-46 53.7	125 31.8	3028.1	6.4	55	
18	8	1972	0.0*0344		-46 52.9	125 33.6	3029.6	6.2	58	
18	8	1972	0.0	0400	-46 52.0	125 35.6	3031.2	5.6	42	
18	8	1972	0.0	0500	-46 47.9	125 41.1	3036.8	6.1	42	
18	8	1972	0.0	0700	-46 38.8	125 53.0	3049.0	6.4	41	
18	8	1972	0.0*0716		-46 37.6	125 54.6	3050.7	6.9	42	
18	8	1972	0.0	0900	-46 28.7	126 6.3	3062.6	7.7	42	
18	8	1972	0.0*1014		-46 21.7	126 15.5	3072.1	7.6	39	
18	8	1972	0.0	1034	-46 19.7	126 17.9	3074.6	7.8	45	
18	8	1972	0.0	1130	-46 14.6	126 25.3	3081.9	8.0	45	
18	8	1972	0.0*1132		-46 14.4	126 25.6	3082.1	7.6	47	
18	8	1972	0.0*1200		-46 12.0	126 29.3	3085.7	8.0	44	
18	8	1972	0.0	1315	-46 4.9	126 39.4	3095.7	8.6	44	
18	8	1972	0.0	1400	-46 0.2	126 45.9	3102.2	8.9	44	
18	8	1972	0.0	1457	-45 54.2	126 54.4	3110.6	9.1	70	
18	8	1972	0.0	1610	-45 51.0	127 7.2	3120.1	9.3	70	
18	8	1972	0.0*1634		-45 49.2	127 14.3	3125.4	9.1	69	
18	8	1972	0.0*1712		-45 47.2	127 22.1	3131.1	9.2	70	
18	8	1972	0.0	1800	-45 44.7	127 32.0	3138.5	9.1	70	
18	8	1972	0.0	1819	-45 43.7	127 35.9	3141.4	9.4	75	
18	8	1972	0.0*1820		-45 43.7	127 36.1	3141.5	9.4	76	
18	8	1972	0.0*1902		-45 42.1	127 45.2	3148.1	9.2	76	
18	8	1972	0.0	2000	-45 40.0	127 57.6	3157.0	9.5	75	
18	8	1972	0.0*2050		-45 38.0	128 8.6	3164.9	9.6	77	
18	8	1972	0.0	2200	-45 35.5	128 24.3	3176.2	9.2	77	
18	8	1972	0.0	2302	-45 33.4	128 37.5	3185.7	9.3	72	
19	8	1972	0.0	0000	-45 30.8	128 49.8	3194.7	8.7	73	
19	8	1972	0.0	0100	-45 28.2	129 1.6	3203.4	8.8	73	
19	8	1972	0.0	0200	-45 25.7	129 13.6	3212.1	8.6	73	
19	8	1972	0.0*0332		-45 21.8	129 31.6	3225.4	8.8	74	
19	8	1972	0.0	0400	-45 20.7	129 37.3	3229.5	8.9	74	
19	8	1972	0.0*0434		-45 19.3	129 44.2	3234.6	9.3	75	
19	8	1972	0.0	0600	-45 16.9	130 2.5	3247.9	9.2	75	
19	8	1972	0.0*0622		-45 15.1	130 7.2	3251.3	9.0	75	
19	8	1972	0.0*0704		-45 13.6	130 15.9	3257.6	9.0	74	
19	8	1972	0.0	0800	-45 11.3	130 27.3	3265.9	8.6	72	
19	8	1972	0.0	1000	-45 6.0	130 50.6	3283.2	8.4	72	
19	8	1972	0.0*1042		-45 4.3	130 58.5	3289.1	8.3	72	
19	8	1972	0.0	1200	-45 1.0	131 13.1	3299.8	8.2	72	
19	8	1972	0.0*1258		-44 58.6	131 23.7	3307.7	8.6	70	
19	8	1972	0.0	1300	-44 58.5	131 24.1	3308.0	9.0	70	
19	8	1972	0.0	1400	-44 55.6	131 36.2	3317.1	9.3	70	
19	8	1972	0.0	1500	-44 52.5	131 48.6	3326.4	9.1	63	
19	8	1972	0.0*1624		-44 46.8	132 4.6	3339.1	9.3	61	
19	8	1972	0.0	1700	-44 44.2	132 11.4	3344.6	9.7	61	
19	8	1972	0.0*1728		-44 42.0	132 17.0	3349.1	9.2	62	
19	8	1972	0.0*1814		-44 38.8	132 25.8	3356.2	9.6	61	
19	8	1972	0.0	1900	-44 35.3	132 35.0	3363.6	10.0	64	
19	8	1972	0.0	2000	-44 30.9	132 47.6	3373.6	10.3	64	
19	8	1972	0.0*2002		-44 30.8	132 48.1	3373.9	9.9	64	
19	8	1972	0.0*2100		-44 26.7	133 0.2	3383.5	9.7	65	
19	8	1972	0.0	2130	-44 24.6	133 6.3	3388.3	10.1	65	
19	8	1972	0.0*2148		-44 23.4	133 10.2	3391.4	10.2	63	
19	8	1972	0.0	2230	-44 20.2	133 19.1	3398.5	9.9	63	
19	8	1972	0.0*2248		-44 18.8	133 22.8	3401.5	10.2	66	
20	8	1972	0.0	0030	-44 12.1	133 45.0	3418.8	10.0	67	
20	8	1972	0.0	0116	-44 9.1	133 54.9	3426.4	8.5	19	
20	8	1972	0.0	0119	-44 8.7	133 55.1	3426.8	9.3	80	
20	8	1972	0.0	0123	-44 8.6	133 55.9	3427.5	9.5	67	
20	8	1972	0.0	0330	-44 0.7	134 21.8	3447.7	9.0	67	
20	8	1972	0.0	0406	-43 58.6	134 28.8	3453.1	8.6	65	
20	8	1972	0.0	0428	-43 57.3	134 32.7	3456.2	10.3	31	
20	8	1972	0.0	0430	-43 57.0	134 33.0	3456.6	8.6	65	
20	8	1972	0.0*0524		-43 53.8	134 42.7	3464.3	9.0	68	
20	8	1972	0.0	0630	-43 50.1	134 55.5	3474.2	8.8	68	
20	8	1972	0.0	0701	-43 48.4	135 1.3	3478.7	8.8	66	
20	8	1972	0.0	0900	-43 41.4	135 23.3	3496.1	9.5	65	
20	8	1972	0.0*0952		-43 38.0	135 33.7	3504.4	9.3	63	

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
20	8	1972	0.0	1100	-43 33.3	135 46.8	3515.0	9.8	63	
20	8	1972	0.0	1256	-43 24.8	136 10.1	3533.9	9.5	53	
20	8	1972	0.0	1301	-43 24.4	136 11.0	3534.6	9.9	63	
20	8	1972	0.0	1500	-43 15.6	136 35.2	3554.3	10.3	63	
20	8	1972	0.0*1536		-43 12.8	136 42.8	3560.6	10.0	61	
20	8	1972	0.0*1632		-43 8.3	136 54.0	3569.9	10.2	62	
20	8	1972	0.0	1700	-43 6.1	136 59.8	3574.6	10.4	62	
20	8	1972	0.0*1722		-43 4.4	137 4.4	3578.4	10.1	61	
20	8	1972	0.0*1820		-42 59.7	137 16.1	3588.1	10.3	60	
20	8	1972	0.0	1900	-42 56.3	137 24.2	3595.0	10.1	60	
20	8	1972	0.0*1910		-42 55.4	137 26.2	3596.7	10.3	61	
20	8	1972	0.0	2058	-42 46.7	137 48.4	3615.2	10.0	65	
20	8	1972	0.0	2145	-42 43.4	137 58.1	3623.0	9.1	65	
20	8	1972	0.0*2200		-42 42.4	138 0.9	3625.3	9.3	64	
21	8	1972	0.0	0000	-42 34.3	138 23.6	3643.9	9.3	64	
21	8	1972	0.0*0014		-42 33.3	138 26.2	3646.0	9.3	66	
21	8	1972	0.0	0100	-42 30.5	138 35.1	3653.1	9.0	64	
21	8	1972	0.0	0200	-42 26.6	138 46.0	3662.1	9.4	64	
21	8	1972	0.0*0250		-42 23.2	138 55.6	3669.9	9.3	65	
21	8	1972	0.0*0340		-42 20.0	139 5.2	3677.7	9.5	65	
21	8	1972	0.0	0400	-42 18.6	139 9.1	3680.9	9.8	65	
21	8	1972	0.0	0559	-42 10.5	139 32.9	3700.3	9.8	62	
21	8	1972	0.0	0700	-42 5.9	139 44.8	3710.3	10.0	62	
21	8	1972	0.0*0712		-42 4.9	139 47.2	3712.3	10.2	60	
21	8	1972	0.0	0740	-42 2.5	139 52.8	3717.1	7.0	10	
21	8	1972	0.0	0743	-42 2.2	139 52.9	3717.4	10.3	60	
21	8	1972	0.0	0800	-42 0.8	139 56.3	3720.3	9.3	39	
21	8	1972	0.0	0830	-41 57.2	140 0.3	3725.0	9.0	39	
21	8	1972	0.0	0916	-41 51.9	140 6.2	3731.9	6.5	0	
21	8	1972	0.0	0920	-41 51.5	140 6.2	3732.3	8.9	39	
21	8	1972	0.0*0932		-41 50.1	140 7.7	3734.1	9.0	41	
21	8	1972	0.0	1030	-41 43.6	140 15.5	3742.8	9.4	41	
21	8	1972	0.0	1159	-41 33.2	140 27.9	3756.7	9.4	46	
21	8	1972	0.0	1300	-41 26.6	140 37.3	3766.3	9.8	46	
21	8	1972	0.0*1306		-41 26.0	140 38.2	3767.3	10.5	44	
21	8	1972	0.0*1448		-41 13.3	140 54.9	3785.1	10.9	43	
21	8	1972	0.0	1500	-41 11.7	140 56.9	3787.3	10.4	43	
21	8	1972	0.0*1536		-41 7.2	141 2.6	3793.5	10.4	43	
21	8	1972	0.0	1537	-41 7.1	141 2.7	3793.7	9.9	40	
21	8	1972	0.0	1700	-40 56.7	141 14.6	3807.4	10.1	40	
21	8	1972	0.0*1722		-40 53.9	141 17.8	3811.1	9.7	39	
21	8	1972	0.0	1804	-40 48.7	141 23.6	3817.9	9.3	39	
21	8	1972	0.0	1900	-40 42.1	141 30.9	3826.5	9.5	44	
21	8	1972	0.0*1924		-40 39.4	141 34.4	3830.3	9.5	46	
21	8	1972	0.0	1953	-40 36.2	141 38.8	3834.9	8.8	46	
21	8	1972	0.0*2004		-40 35.0	141 40.3	3836.5	8.2	46	
21	8	1972	0.0	2030	-40 32.6	141 43.7	3840.1	8.5	46	
21	8	1972	0.0	2130	-40 26.8	141 51.8	3848.6	8.6	46	
21	8	1972	0.0*2152		-40 24.6	141 54.8	3851.7	8.4	47	
21	8	1972	0.0*2300		-40 18.2	142 4.0	3861.3	7.8	46	
21	8	1972	0.0	2304	-40 17.8	142 4.5	3861.8	8.6	356	
21	8	1972	0.0	2307	-40 17.4	142 4.5	3862.2	8.4	46	
21	8	1972	0.0	2352	-40 13.0	142 10.5	3868.5	6.3	46	
21	8	1972	0.0	2359	-40 12.5	142 11.2	3869.3	8.7	43	
22	8	1972	0.0	0106	-40 5.4	142 19.8	3879.0	8.2	43	
22	8	1972	0.0	0200	-40 0.0	142 26.4	3886.4	7.3	43	
22	8	1972	0.0	0313	-39 53.6	142 34.4	3895.2	8.1	43	
22	8	1972	0.0	0357	-39 49.2	142 39.7	3901.2	8.7	43	
22	8	1972	0.0	0500	-39 42.5	142 47.7	3910.3	8.4	43	
22	8	1972	0.0*0638		-39 32.5	142 59.9	3924.0	9.1	44	
22	8	1972	0.0	0800	-39 23.6	143 11.2	3936.4	8.5	44	
22	8	1972	0.0*0808		-39 22.8	143 12.2	3937.6	8.6	43	
22	8	1972	0.0	0833	-39 20.2	143 15.4	3941.2	7.1	43	
22	8	1972	0.0	0843	-39 19.4	143 16.5	3942.4	9.3	43	
22	8	1972	0.0	0859	-39 17.6	143 18.6	3944.8	9.1	43	
22	8	1972	0.0	0911	-39 16.2	143 20.3	3946.7	8.9	46	
22	8	1972	0.0	0932	-39 14.1	143 23.2	3949.8	8.8	49	
22	8	1972	0.0*1008		-39 10.7	143 28.4	3955.0	8.5	48	
22	8	1972	0.0	1030	-39 8.6	143 31.4	3958.2	8.6	48	
22	8	1972	0.0	1129	-39 3.0	143 39.5	3966.6	8.4	45	

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
22	8	1972	0.0	1230	-38 57.0	143 47.3	3975.2	9.0	45	
22	8	1972	0.0	1430	-38 44.4	144 3.7	3993.1	8.9	45	
22	8	1972	0.0	1746	-38 23.8	144 30.2	4022.3	8.3	40	
22	8	1972	0.0	1753	-38 23.1	144 31.0	4023.3	8.9	34	
22	8	1972	0.0	1822	-38 19.5	144 34.1	4027.6	2.7	33	
22	8	1972	0.0	1829	-38 19.2	144 34.4	4027.9	0.5	220	
22	8	1972	0.0	1920	-38 19.5	144 34.0	4028.3	5.1	64	
22	8	1972	0.0	1926	-38 19.3	144 34.6	4028.8	10.7	47	
22	8	1972	0.0	1930	-38 18.8	144 35.3	4029.5	10.7	42	
22	8	1972	0.0	1940	-38 17.5	144 36.8	4031.3	10.9	97	
22	8	1972	0.0	1946	-38 17.7	144 38.2	4032.4	11.4	102	
22	8	1972	0.0	1957	-38 18.1	144 40.8	4034.5	11.7	107	
22	8	1972	0.0	2005	-38 18.6	144 42.7	4036.0	11.4	105	
22	8	1972	0.0	2028	-38 19.7	144 48.1	4040.4	11.3	107	
22	8	1972	0.0	2043	-38 20.5	144 51.5	4043.3	10.9	102	
22	8	1972	0.0	2046	-38 20.7	144 52.2	4043.8	10.9	97	
22	8	1972	0.0	2049	-38 20.7	144 52.9	4044.3	10.8	91	
22	8	1972	0.0	2052	-38 20.7	144 53.6	4044.9	10.6	358	
22	8	1972	0.0	2241	-38 1.5	144 52.9	4064.1	10.8	5	
22	8	1972	0.0	2243	-38 1.1	144 52.9	4064.5	10.8	358	
22	8	1972	0.0	2305	-37 57.2	144 52.8	4068.4	10.8	3	
22	8	1972	0.0	2319	-37 54.7	144 53.0	4071.0	7.2	13	
22	8	1972	0.0	2330	-37 53.4	144 53.3	4072.3	3.7	28	
23	8	1972	0.0	0053	-37 48.9	144 56.5	4077.4	0.4	192	
23	8	1972	0.0	0054	-37 48.9	144 56.5	4077.4			

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
1	9	1972	0.0*	2354	-37 48.9	144 56.5	0.0	0.4	234	
1	9	1972	0.0	2355	-37 48.9	144 56.5	0.0	0.4	227	
2	9	1972	0.0	0001	-37 48.9	144 56.4	0.0	1.3	242	
2	9	1972	0.0	0007	-37 49.0	144 56.3	0.2	1.5	257	
2	9	1972	0.0	0012	-37 49.0	144 56.1	0.3	1.8	263	
2	9	1972	0.0	0016	-37 49.1	144 56.0	0.4	2.3	258	
2	9	1972	0.0	0022	-37 49.1	144 55.7	0.6	3.3	246	
2	9	1972	0.0	0024	-37 49.1	144 55.6	0.8	4.3	225	
2	9	1972	0.0	0027	-37 49.3	144 55.4	1.0	8.2	208	
2	9	1972	0.0	0030	-37 49.7	144 55.1	1.4	6.2	188	
2	9	1972	0.0	0032	-37 49.9	144 55.1	1.6	6.1	173	
2	9	1972	0.0	0034	-37 50.1	144 55.1	1.8	5.9	145	
2	9	1972	0.0	0037	-37 50.3	144 55.3	2.1	5.9	138	
2	9	1972	0.0	0042	-37 50.7	144 55.7	2.6	7.4	147	
2	9	1972	0.0	0046	-37 51.1	144 56.1	3.1	7.1	182	
2	9	1972	0.0	0052	-37 51.8	144 56.0	3.8	10.0	199	
2	9	1972	0.0	0115	-37 55.4	144 54.4	7.6	10.2	175	
2	9	1972	0.0	0135	-37 58.8	144 54.8	11.0	10.0	178	
2	9	1972	0.0	0232	-38 8.4	144 55.1	20.6	10.1	181	
2	9	1972	0.0	0312	-38 15.1	144 54.8	27.3	10.1	184	
2	9	1972	0.0	0318	-38 16.1	144 54.7	28.3	10.3	191	
2	9	1972	0.0	0328	-38 17.8	144 54.3	30.0	10.2	230	
2	9	1972	0.0	0331	-38 18.1	144 53.8	30.5	10.1	268	
2	9	1972	0.0	0337	-38 18.1	144 52.5	31.5	10.2	278	
2	9	1972	0.0	0347	-38 17.9	144 50.4	33.3	10.0	276	
2	9	1972	0.0	0413	-38 17.4	144 44.9	37.6	9.8	280	
2	9	1972	0.0	0424	-38 17.1	144 42.6	39.4	10.2	278	
2	9	1972	0.0	0437	-38 16.8	144 39.8	41.6	8.2	253	
2	9	1972	0.0	0443	-38 17.0	144 38.8	42.4	7.1	225	
2	9	1972	0.0	0450	-38 17.6	144 38.1	43.2	5.1	239	
2	9	1972	0.0	0500	-38 18.0	144 37.2	44.1	3.9	248	
2	9	1972	0.0	0505	-38 18.1	144 36.8	44.4	2.0	341	
2	9	1972	0.0	0513	-38 17.9	144 36.7	44.7	11.0	181	
2	9	1972	0.0	0530	-38 21.0	144 36.6	47.8	9.9	181	
2	9	1972	0.0	0601	-38 26.1	144 36.4	52.9	9.5	131	
2	9	1972	0.0	0708	-38 33.1	144 46.6	63.5	10.1	131	
2	9	1972	0.0*	0730	-38 35.6	144 50.2	67.2	9.9	128	
2	9	1972	0.0	0741	-38 36.7	144 52.0	69.1	10.2	128	
2	9	1972	0.0	0831	-38 42.0	145 0.5	77.6	10.2	132	
2	9	1972	0.0	0919	-38 47.5	145 8.2	85.7	10.0	132	
2	9	1972	0.0	1100	-38 58.9	145 24.0	102.5	9.9	132	
2	9	1972	0.0	1300	-39 12.4	145 42.9	122.4	10.0	132	
2	9	1972	0.0	1500	-39 25.9	146 1.8	142.3	10.0	132	
2	9	1972	0.0	1700	-39 39.5	146 20.8	162.3	10.3	132	
2	9	1972	0.0	1729	-39 42.8	146 25.6	167.3	10.0	126	
2	9	1972	0.0*	1836	-39 49.5	146 37.3	178.4	10.4	126	
2	9	1972	0.0	1930	-39 55.1	146 47.0	187.8	10.5	126	
2	9	1972	0.0*	2024	-40 0.8	146 56.9	197.3	10.3	125	
2	9	1972	0.0	2130	-40 7.4	147 9.0	208.6	10.3	125	
2	9	1972	0.0	2330	-40 19.3	147 31.0	229.2	10.7	125	
3	9	1972	0.0	0130	-40 31.8	147 53.9	250.6	10.6	125	
3	9	1972	0.0	0301	-40 41.1	148 11.2	266.8	10.6	118	
3	9	1972	0.0	0400	-40 46.1	148 23.3	277.2	10.9	74	
3	9	1972	0.0	0552	-40 40.7	148 49.3	297.6	9.4	74	
3	9	1972	0.0	0559	-40 40.5	148 50.7	298.7	8.5	257	
3	9	1972	0.0	0631	-40 41.4	148 44.9	303.3	9.9	74	
3	9	1972	0.0*	0640	-40 41.0	148 46.7	304.7	9.8	76	
3	9	1972	0.0	0735	-40 38.9	148 58.3	313.8	6.3	255	
3	9	1972	0.0	0812	-40 39.9	148 53.4	317.6	9.5	76	
3	9	1972	0.0	0938	-40 36.7	149 10.9	331.3	6.6	76	
3	9	1972	0.0	1130	-40 33.8	149 26.7	343.6	6.6	76	
3	9	1972	0.0*	1310	-40 31.2	149 40.8	354.6	6.8	73	
3	9	1972	0.0	1345	-40 30.2	149 45.8	358.6	9.8	74	
3	9	1972	0.0	1500	-40 26.9	150 1.4	370.9	9.9	74	
3	9	1972	0.0	1600	-40 24.2	150 13.9	380.8	9.9	75	
3	9	1972	0.0*	1752	-40 19.6	150 37.4	399.3	10.2	73	
3	9	1972	0.0	1800	-40 19.2	150 39.1	400.7	10.2	73	
3	9	1972	0.0*	1938	-40 14.6	151 0.0	417.2	9.9	74	
3	9	1972	0.0	2001	-40 13.7	151 4.8	421.0	9.8	79	
3	9	1972	0.0	2200	-40 10.1	151 30.0	440.6	9.9	79	

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
4	9	1972	0.0	0000	-40 6.6	151 55.5	460.4	9.9	79	
4	9	1972	0.0*	0036	-40 5.5	152 3.2	466.4	9.7	78	
4	9	1972	0.0*	0112	-40 4.4	152 10.6	472.1	9.6	81	
4	9	1972	0.0	0200	-40 3.2	152 20.5	479.8	9.6	81	
4	9	1972	0.0*	0216	-40 2.9	152 23.8	482.4	9.9	79	
4	9	1972	0.0	0400	-39 59.8	152 45.8	499.5	9.9	79	
4	9	1972	0.0	0600	-39 56.2	153 11.1	519.2	9.9	79	
4	9	1972	0.0	0630	-39 55.4	153 17.4	524.1	9.8	77	
4	9	1972	0.0*	0646	-39 54.8	153 20.7	526.7	9.4	78	
4	9	1972	0.0*	0738	-39 53.2	153 31.1	534.9	9.1	75	
4	9	1972	0.0	0830	-39 51.3	153 41.1	542.8	9.1	75	
4	9	1972	0.0*	0832	-39 51.2	153 41.5	543.1	9.4	79	
4	9	1972	0.0	1030	-39 47.9	154 5.1	561.5	9.5	79	
4	9	1972	0.0	1230	-39 44.6	154 29.4	580.4	9.6	79	
4	9	1972	0.0*	1326	-39 43.0	154 40.8	589.4	9.7	76	
4	9	1972	0.0	1400	-39 41.7	154 47.7	594.9	9.6	71	
4	9	1972	0.0*	1406	-39 41.4	154 48.9	595.8	10.0	74	
4	9	1972	0.0*	1556	-39 36.4	155 11.7	614.1	10.5	74	
4	9	1972	0.0	1600	-39 36.2	155 12.6	614.8	10.3	74	
4	9	1972	0.0	1800	-39 30.9	155 38.4	635.4	10.3	74	
4	9	1972	0.0*	1848	-39 28.7	155 48.7	643.6	10.0	77	
4	9	1972	0.0	2000	-39 26.2	156 3.8	655.6	9.9	77	
4	9	1972	0.0*	2034	-39 25.0	156 11.0	661.2	9.6	76	
4	9	1972	0.0	2201	-39 21.8	156 28.5	675.2	9.0	330	
5	9	1972	0.0	0000	-39 6.2	156 17.1	693.0	9.1	330	
5	9	1972	0.0*	0124	-38 55.1	156 9.0	705.8	9.1	331	
5	9	1972	0.0	0200	-38 50.3	156 5.6	711.3	9.0	331	
5	9	1972	0.0*	0208	-38 49.3	156 4.9	712.5	9.3	330	
5	9	1972	0.0	0300	-38 42.2	155 59.8	720.5	9.3	332	
5	9	1972	0.0*	0308	-38 41.1	155 59.1	721.8	9.4	331	
5	9	1972	0.0	0500	-38 25.7	155 48.4	739.3	9.4	331	
5	9	1972	0.0*	0558	-38 17.7	155 42.9	748.4	9.7	329	
5	9	1972	0.0	0700	-38 9.1	155 36.5	758.4	9.8	329	
5	9	1972	0.0*	0744	-38 2.9	155 31.9	765.6	9.6	329	
5	9	1972	0.0	0900	-37 52.4	155 24.1	777.7	9.6	329	
5	9	1972	0.0	1100	-37 35.8	155 11.7	797.0	9.7	329	
5	9	1972	0.0	1230	-37 23.4	155 2.5	811.4	9.4	329	
5	9	1972	0.0*	1320	-37 16.6	154 57.5	819.3	9.4	329	
5	9	1972	0.0	1400	-37 11.2	154 53.5	825.5	8.8	329	
5	9	1972	0.0*	1506	-37 2.8	154 47.4	835.2	8.5	331	
5	9	1972	0.0	1530	-36 59.8	154 45.4	838.6	8.4	331	
5	9	1972	0.0	1655	-36 49.4	154 38.2	850.6	7.6	5	
5	9	1972	0.0	1715	-36 46.9	154 38.5	853.1	6.4	349	
5	9	1972	0.0	1722	-36 46.1	154 38.3	853.8	5.6	339	
5	9	1972	0.0	1725	-36 45.9	154 38.2	854.1	7.6	331	
5	9	1972	0.0	1830	-36 38.7	154 33.2	862.3	7.5	331	
5	9	1972	0.0	2000	-36 28.8	154 26.4	873.6	7.2	331	
5	9	1972	0.0	2100	-36 22.5	154 22.1	880.9	6.8	331	
5	9	1972	0.0	2200	-36 16.5	154 17.9	887.7	6.5	330	
5	9	1972	0.0	2300	-36 10.8	154 14.0	894.2	7.0	331	
6	9	1972	0.0	0000	-36 4.7	154 9.8	901.2	7.0	331	
6	9	1972	0.0	0100	-35 58.5	154 5.6	908.3	7.1	331	
6	9	1972	0.0	0200	-35 52.3	154 1.3	915.4	7.1	331	
6	9	1972	0.0	0300	-35 46.0	153 57.1	922.5	7.4	331	
6	9	1972	0.0*	0304	-35 45.6	153 56.8	923.0	7.2	326	
6	9	1972	0.0	0400	-35 40.0	153 52.2	929.7	7.8	327	
6	9	1972	0.0	0500	-35 33.4	153 47.0	937.6	7.6	327	
6	9	1972	0.0*	0552	-35 27.9	153 42.6	944.1	7.5	326	
6	9	1972	0.0	0600	-35 27.1	153 42.0	945.1	8.0	326	
6	9	1972	0.0	0700	-35 20.4	153 36.6	953.1	8.5	327	
6	9	1972	0.0	0800	-35 13.2	153 30.9	961.6	8.4	327	
6	9	1972	0.0	0900	-35 6.2	153 25.3	970.1	8.2	326	
6	9	1972	0.0	1030	-34 55.8	153 17.1	982.4	8.1	326	
6	9	1972	0.0	1200	-34 45.6	153 9.0	994.6	8.0	326	
6	9	1972	0.0	1300	-34 38.9	153 3.6	1002.6	7.4	326	
6	9	1972	0.0*	1324	-34 36.4	153 1.6	1005.6	7.0	325	
6	9	1972	0.0	1402	-34 32.7	152 58.6	1010.0	6.9	331	
6	9	1972	0.0*	1420	-34 30.9	152 57.4	1012.1	7.5	335	
6	9	1972	0.0	1500	-34 26.4	152 54.9	1017.1	7.4	335	
6	9	1972	0.0	1600	-34 19.6	152 51.3	1024.5	8.0	336	

DAY	MON	YEAR	PZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
6	9	1972	0.0	1700	-34 12.3	152 47.4	1032.4	8.3	336	
6	9	1972	0.0	*1706	-34 11.6	152 46.9	1033.3	8.2	335	
6	9	1972	0.0	1800	-34 4.9	152 43.2	1040.6	8.7	335	
6	9	1972	0.0	1935	-33 52.4	152 36.3	1054.4	9.1	327	
6	9	1972	0.0	2030	-33 45.3	152 30.9	1062.8	9.4	327	
6	9	1972	0.0	2200	-33 33.4	152 21.9	1076.9	9.3	327	
6	9	1972	0.0	2300	-33 25.5	152 15.9	1086.2	9.1	327	
6	9	1972	0.0	2343	-33 19.9	152 11.8	1092.7	8.9	338	
7	9	1972	0.0	0031	-33 13.3	152 8.6	1099.9	4.7	336	
7	9	1972	0.0	*0032	-33 13.2	152 8.6	1100.0	5.1	339	
7	9	1972	0.0	0044	-33 12.3	152 8.2	1101.0	9.1	339	
7	9	1972	0.0	0130	-33 5.7	152 5.3	1107.9	8.0	339	
7	9	1972	0.0	0205	-33 1.4	152 3.3	1112.6	8.6	344	
7	9	1972	0.0	0224	-32 58.7	152 2.5	1115.4	8.6	344	
7	9	1972	0.0	0300	-32 53.7	152 0.9	1120.5	9.0	277	
7	9	1972	0.0	0400	-32 52.5	151 50.3	1129.5	5.8	276	
7	9	1972	0.0	0405	-32 52.5	151 49.7	1130.0	0.4	169	
7	9	1972	0.0	0641	-32 53.4	151 49.9	1131.0	5.8	266	
7	9	1972	0.0	0648	-32 53.5	151 49.1	1131.6	8.3	247	
7	9	1972	0.0	0653	-32 53.7	151 48.3	1132.3	4.0	239	
7	9	1972	0.0	0705	-32 54.2	151 47.5	1133.1	3.6	1	
7	9	1972	0.0	0708	-32 54.0	151 47.5	1133.3	2.0	100	
7	9	1972	0.0	0711	-32 54.0	151 47.6	1133.4	3.3	178	
7	9	1972	0.0	0713	-32 54.1	151 47.6	1133.5	5.3	231	
7	9	1972	0.0	0721	-32 54.5	151 47.0	1134.2	5.2	146	
7	9	1972	0.0	0727	-32 55.0	151 47.3	1134.8	3.0	97	
7	9	1972	0.0	0729	-32 55.0	151 47.4	1134.9	2.6	2	
7	9	1972	0.0	0731	-32 54.9	151 47.4	1134.9	2.2	255	
7	9	1972	0.0	0739	-32 55.0	151 47.1	1135.2	2.2	235	
7	9	1972	0.0	0756	-32 55.3	151 46.5	1135.9	0.9	229	
7	9	1972	0.0	0804	-32 55.4	151 46.4	1136.0	0.4	169	
7	9	1972	0.0	0812	-32 55.5	151 46.4	1136.0	0.4	166	
7	9	1972	0.0	0813	-32 55.5	151 46.4	1136.0			

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DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION	NO.
30	10	1972	0.0	*0716	-32 55.2	151 46.5	0.0	0.9	185		
30	10	1972	0.0	0717	-32 55.2	151 46.5	0.0	1.2	172		
30	10	1972	0.0	0734	-32 55.6	151 46.5	0.4	1.3	152		
30	10	1972	0.0	0743	-32 55.8	151 46.6	0.6	5.6	265		
30	10	1972	0.0	0745	-32 55.8	151 46.4	0.7	11.8	236		
30	10	1972	0.0	0752	-32 56.5	151 45.1	2.1	2.6	125		
30	10	1972	0.0	0812	-32 57.1	151 45.9	3.0	12.4	180		
30	10	1972	0.0	0911	-33 9.3	151 45.9	15.2	12.2	198		
30	10	1972	0.0	0915	-33 10.1	151 45.6	16.0	12.2	189		
30	10	1972	0.0	0918	-33 10.7	151 45.5	16.7	12.2	180		
30	10	1972	0.0	0937	-33 14.5	151 45.4	20.5	12.2	198		
30	10	1972	0.0	0953	-33 17.6	151 44.2	23.8	12.2	189		
30	10	1972	0.0	0955	-33 18.0	151 44.1	24.2	12.9	180		
30	10	1972	0.0	1003	-33 19.7	151 44.1	25.9	12.7	138		
30	10	1972	0.0	1200	-33 38.2	152 4.0	50.7	7.2	180		
30	10	1972	0.0	*1328	-33 48.7	152 3.9	61.2	8.1	179		
30	10	1972	0.0	1330	-33 49.0	152 3.9	61.5	7.9	179		
30	10	1972	0.0	1500	-34 0.8	152 4.1	73.3	7.8	173		
30	10	1972	0.0	1636	-34 13.1	152 5.9	85.7	8.5	179		
30	10	1972	0.0	1641	-34 13.8	152 6.0	86.4	11.9	179		
30	10	1972	0.0	1800	-34 29.4	152 6.1	102.0	11.9	179		
30	10	1972	0.0	1944	-34 50.0	152 6.4	122.6	13.6	179		
30	10	1972	0.0	2111	-35 9.8	152 6.5	142.4	13.0	179		
30	10	1972	0.0	2120	-35 11.7	152 6.6	144.3	13.6	179		
30	10	1972	0.0	2130	-35 14.0	152 6.6	146.6	13.4	205		
30	10	1972	0.0	*2320	-35 36.2	151 53.4	171.2	11.5	213		
30	10	1972	0.0	2330	-35 37.8	151 52.1	173.2	11.7	213		
31	10	1972	0.0	0130	-35 57.2	151 36.2	196.5	11.5	213		
31	10	1972	0.0	*0310	-36 13.2	151 23.2	215.6	11.6	211		
31	10	1972	0.0	0330	-36 16.5	151 20.7	219.5	11.5	211		
31	10	1972	0.0	*0454	-36 30.3	151 10.2	235.6	12.0	206		
31	10	1972	0.0	0506	-36 32.4	151 8.9	238.0	6.3	203		
31	10	1972	0.0	0528	-36 34.5	151 7.7	240.3	11.9	206		
31	10	1972	0.0	*0640	-36 47.2	150 59.7	254.6	12.0	207		
31	10	1972	0.0	0730	-36 56.1	150 54.1	264.5	11.7	207		
31	10	1972	0.0	0910	-37 13.5	150 43.0	284.1	5.8	204		
31	10	1972	0.0	0920	-37 14.4	150 42.5	285.0	10.2	206		
31	10	1972	0.0	*1036	-37 26.0	150 35.2	298.0	9.9	204		
31	10	1972	0.0	1141	-37 35.7	150 29.6	308.7	4.6	198		
31	10	1972	0.0	1205	-37 37.5	150 28.8	310.5	9.1	204		
31	10	1972	0.0	*1222	-37 39.8	150 27.5	313.1	9.3	209		
31	10	1972	0.0	1230	-37 40.9	150 26.7	314.3	9.8	209		
31	10	1972	0.0	1400	-37 53.7	150 17.6	329.1	10.1	209		
31	10	1972	0.0	*1422	-37 56.9	150 15.3	332.7	10.5	211		
31	10	1972	0.0	1540	-38 8.6	150 6.2	346.4	10.6	201		
31	10	1972	0.0	*1654	-38 20.7	150 0.1	359.5	10.8	200		
31	10	1972	0.0	1718	-38 24.8	149 58.1	363.8	10.2	174		
31	10	1972	0.0	1732	-38 27.2	149 58.4	366.2	10.6	177		
31	10	1972	0.0	1810	-38 33.9	149 58.8	372.9	10.7	217		
31	10	1972	0.0	*1838	-38 37.8	149 54.9	377.9	10.6	216		
31	10	1972	0.0	1905	-38 41.7	149 51.3	382.7	10.9	221		
31	10	1972	0.0	2004	-38 49.7	149 42.3	393.4	8.1	220		
31	10	1972	0.0	2118	-38 57.3	149 33.9	403.4	6.8	359		
31	10	1972	0.0	*2234	-38 48.7	149 33.7	412.0	7.2	357		
31	10	1972	0.0	2253	-38 46.4	149 33.6	414.3	8.3	357		
31	10	1972	0.0	2317	-38 43.1	149 33.4	417.6	8.2	196		
31	10	1972	0.0	2347	-38 47.0	149 31.9	421.7	5.5	195		
31	10	1972	0.0	2359	-38 48.1	149 31.5	422.7	9.3	194		
1	11	1972	0.0	0004	-38 48.8	149 31.3	423.5	8.2	13		
1	11	1972	0.0	0020	-38 46.7	149 31.9	425.7	0.4	237	START	1
1	11	1972	0.0	*0240	-38 47.2	149 30.9	426.6	0.5	236		1
1	11	1972	0.0	0812	-38 48.7	149 28.0	429.3	6.0	198	END	1
1	11	1972	0.0	0841	-38 51.4	149 26.9	432.2	10.2	196		
1	11	1972	0.0	0845	-38 52.1	149 26.6	432.9	10.2	317		
1	11	1972	0.0	0915	-38 48.3	149 22.2	438.0	10.4	317		
1	11	1972	0.0	1047	-38 36.7	149 8.4	453.9	10.3	225		
1	11	1972	0.0	1148	-38 44.0	148 58.8	464.3	9.6	347		
1	11	1972	0.0	1243	-38 35.4	148 56.4	473.1	8.3	346		
1	11	1972	0.0	1245	-38 35.2	148 56.3	473.4	9.5	347		
1	11	1972	0.0	1252	-38 34.1	148 56.0	474.5	10.8	216		

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION	NO.
1	11	1972	0.0	1322	-38 38.4	148 52.0	479.9	5.2	35		
1	11	1972	0.0	*1334	-38 37.6	148 52.7	480.9	5.4	30		
1	11	1972	0.0	1343	-38 36.9	148 53.2	481.7	0.7	286	START	2
1	11	1972	0.0	*1440	-38 36.7	148 52.4	482.4	0.6	245		2
1	11	1972	0.0	*1518	-38 36.9	148 52.0	482.8	0.4	288		2
1	11	1972	0.0	1614	-38 36.8	148 51.5	483.1	5.0	110	END	2
1	11	1972	0.0	1637	-38 37.4	148 53.8	485.1	9.2	110		
1	11	1972	0.0	1830	-38 43.4	149 14.7	502.4	9.3	110		
1	11	1972	0.0	1932	-38 46.6	149 26.2	511.9	9.5	148		
1	11	1972	0.0	2009	-38 51.6	149 30.1	517.8	9.1	325		
1	11	1972	0.0	2018	-38 50.5	149 29.1	519.1	9.3	7		
1	11	1972	0.0	2043	-38 46.7	149 29.8	523.0	9.0	197		
1	11	1972	0.0	2048	-38 47.4	149 29.5	523.8	9.1	101		
1	11	1972	0.0	2107	-38 48.0	149 33.1	526.7	9.0	192		
1	11	1972	0.0	2117	-38 49.4	149 32.7	528.2	10.4	278		
1	11	1972	0.0	*2146	-38 48.7	149 26.3	533.2	9.3	274		
1	11	1972	0.0	2149	-38 48.6	149 25.7	533.7	10.2	195		
1	11	1972	0.0	2233	-38 55.9	149 23.2	541.1	0.9	137		
2	11	1972	0.0	0004	-38 56.9	149 24.4	542.6	5.1	262		
2	11	1972	0.0	0024	-38 57.1	149 22.3	544.3	4.7	296		
2	11	1972	0.0	0031	-38 56.9	149 21.7	544.8	5.4	297		
2	11	1972	0.0	0133	-38 54.4	149 15.3	550.4	9.7	298		
2	11	1972	0.0	*0158	-38 52.5	149 10.7	554.4	10.5	300		
2	11	1972	0.0	0229	-38 49.7	149 4.8	559.8	10.3	320		
2	11	1972	0.0	0400	-38 37.6	148 52.1	575.4	10.2	320		
2	11	1972	0.0	0517	-38 27.5	148 41.6	588.5	9.9	0		
2	11	1972	0.0	0525	-38 26.1	148 41.6	589.8	10.4	179		
2	11	1972	0.0	0559	-38 32.0	148 41.7	595.7	5.0	178		
2	11	1972	0.0	0619	-38 33.7	148 41.8	597.4	0.2	72	START	3
2	11	1972	0.0	*0650	-38 33.7	148 41.9	597.5	0.5	281		3
2	11	1972	0.0	0842	-38 33.5	148 40.6	598.5	6.4	184	END	3
2	11	1972	0.0	0856	-38 34.9	148 40.5	600.0	10.0	183		
2	11	1972	0.0	0955	-38 44.8	148 39.8	609.8	5.6	185		
2	11	1972	0.0	1013	-38 46.5	148 39.6	611.5	9.8	183		
2	11	1972	0.0	1025	-38 48.4	148 39.5	613.5	10.7	327		
2	11	1972	0.0	*1048	-38 45.0	148 36.7	617.5	5.7	329		
2	11	1972	0.0	1101	-38 43.9	148 35.9	618.8	6.3	180		
2	11	1972	0.0	1127	-38 46.6	148 35.9	621.5	4.6	245		
2	11	1972	0.0	1132	-38 46.8	148 35.4	621.9	4.2	354		
2	11	1972	0.0	1140	-38 46.2	148 35.3	622.5	0.1	249	START	4
2	11	1972	0.0	1318	-38 46.3	148 35.2	622.5	5.6	125	END	4
2	11	1972	0.0	1330	-38 46.9	148 36.4	623.7	11.5	125		
2	11	1972	0.0	1430	-38 53.6	148 48.5	635.2	11.2	125		
2	11	1972	0.0	1513	-38 58.2	148 56.9	643.3	0.1	248		
2	11	1972	0.0	1534	-38 58.2	148 56.9	643.3	11.8	125		
2	11	1972	0.0	*1612	-39 2.5	149 4.8	650.7	11.1	126		
2	11	1972	0.0	1636	-39 5.2	149 9.3	655.2	4.2	164		
2	11	1972	0.0	1652	-39 6.3	149 9.7	656.3	11.5	184		
2	11	1972	0.0	*1702	-39 8.2	149 9.5	658.2	11.9	183		
2	11	1972	0.0	*1846	-39 28.7	149 7.8	678.8	12.0	184		
2	11	1972	0.0	1930	-39 37.5	149 6.9	687.6	12.1	184		
2	11	1972	0.0	*2100	-39 55.6	149 5.2	705.8	11.9	182		
2	11	1972	0.0	2230	-40 13.4	149 4.3	723.6	12.2	182		
2	11	1972	0.0	*2244	-40 16.3	149 4.1	726.4	12.0	180		
3	11	1972	0.0	0030	-40 37.4	149 3.8	747.6	12.1	180		
3	11	1972	0.0	*0032	-40 37.8	149 3.8	748.0	12.1	181		
3	11	1972	0.0	0216	-40 58.8	149 3.2	768.9	10.4	181		
3	11	1972	0.0	0430	-41 22.1	149 2.5	792.2	10.6	181		
3	11	1972	0.0	*0600	-41 37.9	149 2.0	808.1	10.6	181		
3	11	1972	0.0	0630	-41 43.2	149 1.8	813.4	10.6	181		
3	11	1972	0.0	0830	-42 4.5	149 1.3	834.7	10.6	181		
3	11	1972	0.0	0907	-42 11.0	149 1.2	841.2	11.7	180		
3	11	1972	0.0	1059	-42 32.9	149 0.7	863.1	9.2	115		
3	11	1972	0.0	1102	-42 33.1	149 1.2	863.5	11.9	180		
3	11	1972	0.0	1110	-42 34.7	149 1.2	865.1	10.6	181		
3	11	1972	0.0	*1142	-42 40.4	149 1.1	870.8	10.6	180		
3	11	1972	0.0	1330	-42 59.4	149 0.9	889.9	10.4	180		
3	11	1972	0.0	*1454	-43 14.0	149 0.7	904.4	10.1	178		
3	11	1972	0.0	1530	-43 20.0	149 1.0	910.5	10.0	178		
3	11	1972	0.0	*1614	-43 27.3	149 1.3	917.8	9.9	177		

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.	
3	11	1972	0.0	1730	-43 39.9	149 2.1	930.4	9.9	177		
3	11	1972	0.0	1930	-43 59.8	149 3.3	950.3	9.1	244		
3	11	1972	0.0	2130	-44 7.6	148 40.6	968.4	9.3	244		
3	11	1972	0.0*	2200	-44 9.5	148 34.7	973.0	9.4	240		
3	11	1972	0.0	2227	-44 11.6	148 29.6	977.2	9.8	240		
3	11	1972	0.0	2315	-44 15.4	148 20.0	985.1	10.0	240		
3	11	1972	0.0*	2336	-44 17.1	148 15.7	988.6	10.1	243		
4	11	1972	0.0	0000	-44 18.9	148 10.7	992.6	9.7	243		
4	11	1972	0.0	0045	-44 22.2	148 1.6	999.9	9.6	243		
4	11	1972	0.0	0130	-44 25.3	147 52.6	1007.1	9.3	243		
4	11	1972	0.0	0200	-44 27.4	147 46.8	1011.7	9.3	243		
4	11	1972	0.0*	0204	-44 27.7	147 46.0	1012.3	9.1	245		
4	11	1972	0.0	0230	-44 29.3	147 41.0	1016.3	8.9	245		
4	11	1972	0.0	0310	-44 31.8	147 33.4	1022.2	8.8	245		
4	11	1972	0.0*	0322	-44 32.5	147 31.1	1024.0	8.7	246		
4	11	1972	0.0	0354	-44 34.4	147 25.2	1028.6	10.5	245		
4	11	1972	0.0	0430	-44 37.0	147 17.2	1034.9	9.9	238		
4	11	1972	0.0*	0512	-44 40.7	147 9.0	1041.8	9.9	239		
4	11	1972	0.0	0600	-44 44.7	146 59.4	1049.7	10.0	239		
4	11	1972	0.0	0738	-44 53.2	146 39.6	1066.1	10.0	244		
4	11	1972	0.0*	0910	-44 59.8	146 20.0	1081.5	10.2	240		
4	11	1972	0.0	0944	-45 2.6	146 12.9	1087.2	10.5	239		
4	11	1972	0.0	1100	-45 9.4	145 56.6	1100.6	10.6	239		
4	11	1972	0.0*	1230	-45 17.5	145 37.0	1116.5	10.8	238		
4	11	1972	0.0	1400	-45 25.9	145 17.3	1132.8	10.8	238		
4	11	1972	0.0*	1428	-45 28.5	145 11.2	1137.8	10.6	238		
4	11	1972	0.0	1530	-45 34.3	144 57.8	1148.8	10.4	238		
4	11	1972	0.0	1713	-45 43.7	144 36.1	1166.7	13.3	80		
4	11	1972	0.0	1736	-45 42.8	144 43.2	1171.8	7.0	80		
4	11	1972	0.0	1746	-45 42.6	144 44.9	1172.9	3.0	259		
4	11	1972	0.0	1758	-45 42.7	144 44.0	1173.5	8.4	259		
4	11	1972	0.0	1830	-45 43.5	144 37.7	1178.0	0.8	82	START	5
4	11	1972	0.0*	1858	-45 43.5	144 38.2	1178.4	1.0	126		5
4	11	1972	0.0*	2114	-45 44.8	144 40.8	1180.6	0.7	110		5
4	11	1972	0.0*	2244	-45 45.2	144 42.3	1181.7	0.6	94		5
4	11	1972	0.0	2323	-45 45.2	144 42.9	1182.1	6.1	269	END	5
5	11	1972	0.0	0015	-45 45.3	144 35.3	1187.4	0.6	94	START	6
5	11	1972	0.0*	0228	-45 45.4	144 37.2	1188.8	0.2	142		6
5	11	1972	0.0*	0610	-45 46.1	144 38.0	1189.7	0.5	128		6
5	11	1972	0.0	0707	-45 46.4	144 38.6	1190.2	12.2	222	END	6
5	11	1972	0.0	0724	-45 49.0	144 35.2	1193.6	10.4	222		
5	11	1972	0.0	0738	-45 50.8	144 32.9	1196.1	12.0	129		
5	11	1972	0.0	0822	-45 56.4	144 42.6	1204.8	9.6	221		
5	11	1972	0.0	0846	-45 59.3	144 38.9	1208.7	11.2	91		
5	11	1972	0.0	0919	-45 59.5	144 47.8	1214.8	9.8	341		
5	11	1972	0.0	0952	-45 54.3	144 45.3	1220.2	9.1	267		
5	11	1972	0.0*	1006	-45 54.4	144 42.3	1222.3	9.5	269		
5	11	1972	0.0	1021	-45 54.4	144 38.9	1224.7	0.1	133	START	7
5	11	1972	0.0*	1136	-45 54.5	144 39.0	1224.8	1.1	124		7
5	11	1972	0.0	1503	-45 56.7	144 43.4	1228.6	7.8	265	END	7
5	11	1972	0.0*	1524	-45 56.9	144 39.5	1231.3	7.4	266		
5	11	1972	0.0	1531	-45 56.9	144 38.3	1232.2	1.4	109	START	8
5	11	1972	0.0*	1626	-45 57.4	144 40.1	1233.5	0.5	129		8
5	11	1972	0.0*	1808	-45 57.9	144 41.0	1234.3	1.0	96		8
5	11	1972	0.0	2106	-45 58.2	144 45.1	1237.1	5.9	218	END	8
5	11	1972	0.0	2120	-45 59.3	144 43.8	1238.5	9.7	221		
5	11	1972	0.0*	2150	-46 2.9	144 39.2	1243.3	9.2	227		
5	11	1972	0.0	2303	-46 10.5	144 27.3	1254.6	9.0	229		
5	11	1972	0.0*	2334	-46 13.5	144 22.1	1259.2	9.2	229		
6	11	1972	0.0	0030	-46 19.0	144 12.7	1267.8	8.8	229		
6	11	1972	0.0	0200	-46 27.6	143 58.0	1281.1	8.7	229		
6	11	1972	0.0	0430	-46 41.7	143 33.8	1302.9	8.2	229		
6	11	1972	0.0	0518	-46 45.9	143 26.5	1309.4	9.5	229		
6	11	1972	0.0	0630	-46 53.3	143 13.7	1320.9	9.7	229		
6	11	1972	0.0*	0706	-46 57.0	143 7.3	1326.7	9.9	228		
6	11	1972	0.0	0730	-46 59.6	143 2.9	1330.6	10.0	226		
6	11	1972	0.0	0900	-47 10.0	142 46.9	1345.6	10.2	226		
6	11	1972	0.0	1030	-47 20.5	142 30.5	1361.0	10.1	226		
6	11	1972	0.0*	1042	-47 21.9	142 28.3	1363.0	10.5	227		
6	11	1972	0.0	1200	-47 31.1	142 13.3	1376.6	10.5	227		

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.	
6	11	1972	0.0*	1228	-47 34.4	142 8.0	1381.5	10.5	224		
6	11	1972	0.0	1330	-47 42.0	141 56.6	1392.3	10.6	224		
6	11	1972	0.0*	1416	-47 47.8	141 48.1	1400.5	10.8	222		
6	11	1972	0.0	1447	-47 51.9	141 42.5	1406.0	10.0	186		
6	11	1972	0.0	1451	-47 52.5	141 42.3	1406.7	13.3	90		
6	11	1972	0.0	1503	-47 52.6	141 46.3	1409.4	11.3	3		
6	11	1972	0.0	1529	-47 47.7	141 46.7	1414.3	13.0	91		
6	11	1972	0.0	1534	-47 47.7	141 48.3	1415.3	10.7	176		
6	11	1972	0.0	1541	-47 48.9	141 48.4	1416.6	7.4	268		
6	11	1972	0.0	1553	-47 49.0	141 46.2	1418.1	11.3	3		
6	11	1972	0.0	1615	-47 44.8	141 46.6	1422.2	10.0	222		
6	11	1972	0.0	1700	-47 50.3	141 39.0	1429.7	9.5	222		
6	11	1972	0.0*	1720	-47 52.7	141 35.8	1432.9	9.2	224		
6	11	1972	0.0	1745	-47 55.4	141 31.8	1436.7	9.7	220		
6	11	1972	0.0*	1908	-48 5.6	141 18.7	1450.1	9.8	221		
6	11	1972	0.0	1930	-48 8.2	141 15.2	1453.7	9.2	223		
6	11	1972	0.0	2100	-48 18.2	141 0.8	1467.5	7.9	223		
6	11	1972	0.0*	2122	-48 20.3	140 57.8	1470.4	8.0	219		
6	11	1972	0.0	2200	-48 24.2	140 53.0	1475.4	7.9	219		
6	11	1972	0.0	2320	-48 32.3	140 43.0	1485.9	4.9	325		
6	11	1972	0.0	2328	-48 31.8	140 42.5	1486.6	7.6	218		
7	11	1972	0.0*	0032	-48 38.1	140 34.8	1494.7	7.2	215		
7	11	1972	0.0	0100	-48 40.8	140 31.9	1498.0	6.8	214		
7	11	1972	0.0*	0124	-48 43.1	140 29.5	1500.8	6.8	217		
7	11	1972	0.0	0219	-48 48.1	140 23.8	1507.0	3.2	208		
7	11	1972	0.0	0232	-48 48.7	140 23.3	1507.7	1.2	94	START	8C
7	11	1972	0.0*	0310	-48 48.7	140 24.4	1508.5	1.1	119		8C
7	11	1972	0.0*	0424	-48 49.4	140 26.3	1509.9	1.6	103		8C
7	11	1972	0.0*	1012	-48 51.6	140 39.7	1519.0	1.6	109		8C
7	11	1972	0.0*	1200	-48 52.5	140 43.7	1521.8	1.8	101		8C
7	11	1972	0.0*	1512	-48 53.6	140 52.2	1527.5	1.8	100		8C
7	11	1972	0.0*	1700	-48 54.2	140 57.0	1530.7	1.5	107		8C
7	11	1972	0.0*	1818	-48 54.8	140 59.8	1532.7	1.0	80		8C
7	11	1972	0.0	2100	-48 54.4	141 3.8	1535.3	2.5	333	END	8C
7	11	1972	0.0	2207	-48 51.9	141 1.8	1538.1	1.0	80		
8	11	1972	0.0*	0002	-48 51.6	141 4.6	1539.9	1.4	97		
8	11	1972	0.0*	0330	-48 52.3	141 12.0	1544.8	1.6	108		
8	11	1972	0.0*	0526	-48 53.2	141 16.4	1547.9	1.6	108		
8	11	1972	0.0*	0924	-48 55.2	141 25.4	1554.1	1.4	127		
8	11	1972	0.0*	1224	-48 57.7	141 30.6	1558.4	1.1	148		
8	11	1972	0.0	1240	-48 58.0	141 30.8	1558.6	0.5	288		
8	11	1972	0.0*	1258	-48 57.9	141 30.6	1558.8	1.3	315		
8	11	1972	0.0	1500	-48 56.1	141 27.8	1561.4	1.4	315		
8	11	1972	0.0*	1610	-48 55.0	141 26.0	1563.0	1.3	310		
8	11	1972	0.0	1730	-48 53.8	141 24.0	1564.8	1.4	311		
8	11	1972	0.0*	1916	-48 52.1	141 21.1	1567.3	1.0	317		
8	11	1972	0.0	2000	-48 51.6	141 20.4	1568.0	1.4	317		
8	11	1972	0.0	2100	-48 50.6	141 19.0	1569.4	2.0	316		
8	11	1972	0.0	2130	-48 49.9	141 17.9	1570.4	3.6	315		
8	11	1972	0.0	2211	-48 48.1	141 15.3	1572.9	0.8	131		
8	11	1972	0.0	2345	-48 49.0	141 16.8	1574.1	3.3	315		
9	11	1972	0.0*	0026	-48 47.3	141 14.4	1576.4	4.1	316		
9	11	1972	0.0	0455	-48 34.0	140 55.2	1594.8	4.5	316		
9	11	1972	0.0	0545	-48 31.3	140 51.3	1598.5	0.1	41		
9	11	1972	0.0*	0942	-48 31.0	140 51.7	1598.9	0.8	296		
9	11	1972	0.0	1035	-48 30.7	140 50.7	1599.7	3.0	8		
9	11	1972	0.0	1039	-48 30.5	140 50.7	1599.9	3.0	40		
9	11	1972	0.0	1103	-48 29.6	140 51.9	1601.1	6.4	312		
9	11	1972	0.0	1127	-48 27.8	140 49.0	1603.7	8.3	313		
9	11	1972	0.0*	1132	-48 27.3	140 48.2	1604.3	7.5	308		
9	11	1972	0.0	1300	-48 20.4	140 35.4	1615.3	7.9	309		
9	11	1972	0.0*	1344	-48 16.8	140 28.7	1621.1	7.7	310		
9	11	1972	0.0	1500	-48 10.4	140 17.5	1630.8	7.7	310		
9	11	1972	0.0*	1534	-48 7.6	140 12.6	1635.2	7.7	310		
9	11	1972	0.0*	1642	-48 1.9	140 2.6	1644.0	7.6	314		
9	11	1972	0.0	1700	-48 0.3	140 0.2	1646.3	7.7	314		
9	11	1972	0.0	1900	-47 49.5	139 43.8	1661.7	8.0	314		
9	11	1972	0.0*	2042	-47 39.9	139 29.5	1675.2	7.6	317		
9	11	1972	0.0	2100	-47 38.3	139 27.2	1677.5	9.5	317		
9	11	1972	0.0*	2226	-47 28.3	139 13.4	1691.1	10.1	316		

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
9	11	1972	0.0	2257	-47 24.5	139 8.2	1696.3	8.1	275	
9	11	1972	0.0	2259	-47 24.5	139 7.8	1696.6	9.8	316	
9	11	1972	0.0	*2330	-47 20.8	139 2.6	1701.7	9.3	315	
10	11	1972	0.0	0030	-47 14.2	138 52.9	1711.0	9.1	315	
10	11	1972	0.0	0133	-47 7.4	138 43.0	1720.6	10.1	315	
10	11	1972	0.0	*0148	-47 5.6	138 40.3	1723.1	10.5	315	
10	11	1972	0.0	0200	-47 4.2	138 38.2	1725.2	10.5	256	
10	11	1972	0.0	*0232	-47 5.5	138 30.1	1730.8	10.1	254	
10	11	1972	0.0	0307	-47 7.0	138 21.8	1736.7	6.3	253	
10	11	1972	0.0	0312	-47 7.2	138 21.1	1737.2	3.6	250	
10	11	1972	0.0	0330	-47 7.5	138 19.6	1738.3	3.9	251	
10	11	1972	0.0	*0334	-47 7.6	138 19.2	1738.6	4.1	261	
10	11	1972	0.0	0349	-47 7.8	138 17.7	1739.6	5.3	260	
10	11	1972	0.0	0354	-47 7.8	138 17.0	1740.0	10.7	258	
10	11	1972	0.0	0417	-47 8.6	138 11.1	1744.1	7.7	259	
10	11	1972	0.0	0424	-47 8.8	138 9.8	1745.0	6.1	260	
10	11	1972	0.0	0431	-47 8.9	138 8.8	1745.8	6.0	260	
10	11	1972	0.0	0439	-47 9.0	138 7.6	1746.6	8.5	259	
10	11	1972	0.0	0446	-47 9.2	138 6.2	1747.6	10.7	258	
10	11	1972	0.0	0531	-47 10.8	137 54.6	1755.6	6.8	259	
10	11	1972	0.0	0546	-47 11.1	137 52.1	1757.3	11.0	258	
10	11	1972	0.0	0630	-47 12.6	137 40.5	1765.3	10.7	258	
10	11	1972	0.0	0749	-47 15.3	137 20.2	1779.4	8.1	259	
10	11	1972	0.0	0849	-47 16.8	137 8.4	1787.5	6.4	260	
10	11	1972	0.0	0930	-47 17.6	137 2.0	1791.9	5.5	260	
10	11	1972	0.0	*1034	-47 18.5	136 53.4	1797.8	5.4	265	
10	11	1972	0.0	1100	-47 18.7	136 50.0	1800.1	5.2	265	
10	11	1972	0.0	1200	-47 19.2	136 42.4	1805.3	5.1	265	
10	11	1972	0.0	*1218	-47 19.3	136 40.2	1806.8	5.5	262	
10	11	1972	0.0	1300	-47 19.8	136 34.6	1810.7	6.0	262	
10	11	1972	0.0	1345	-47 20.4	136 28.0	1815.2	6.1	261	
10	11	1972	0.0	1430	-47 21.1	136 21.3	1819.8	5.8	262	
10	11	1972	0.0	*1436	-47 21.1	136 20.4	1820.4	6.0	260	
10	11	1972	0.0	1515	-47 21.8	136 14.8	1824.2	6.7	260	
10	11	1972	0.0	1600	-47 22.7	136 7.5	1829.3	7.1	259	
10	11	1972	0.0	*1622	-47 23.1	136 3.7	1831.9	6.7	262	
10	11	1972	0.0	1645	-47 23.5	135 60.0	1834.4	7.3	262	
10	11	1972	0.0	1730	-47 24.2	135 52.0	1839.9	7.9	261	
10	11	1972	0.0	*1738	-47 24.3	135 50.4	1840.9	8.1	260	
10	11	1972	0.0	1815	-47 25.2	135 43.1	1846.0	8.4	260	
10	11	1972	0.0	1900	-47 26.2	135 33.9	1852.2	8.8	260	
10	11	1972	0.0	*1924	-47 26.8	135 28.8	1855.7	8.3	259	
10	11	1972	0.0	1945	-47 27.3	135 24.6	1858.6	8.4	259	
10	11	1972	0.0	2042	-47 28.7	135 13.0	1866.6	7.6	257	
10	11	1972	0.0	2055	-47 29.1	135 10.6	1868.3	9.7	257	
10	11	1972	0.0	*2138	-47 30.6	135 0.7	1875.2	9.3	254	
10	11	1972	0.0	*2234	-47 32.9	134 48.3	1883.8	9.2	256	
10	11	1972	0.0	2313	-47 34.4	134 39.7	1889.8	4.6	257	
10	11	1972	0.0	2317	-47 34.4	134 39.3	1890.1	5.6	256	
11	11	1972	0.0	0013	-47 35.6	134 31.8	1895.3	8.2	256	
11	11	1972	0.0	*0024	-47 36.0	134 29.6	1896.8	8.2	254	
11	11	1972	0.0	0109	-47 37.7	134 20.8	1903.0	6.5	254	
11	11	1972	0.0	0136	-47 38.5	134 16.6	1905.9	5.8	202	
11	11	1972	0.0	0143	-47 39.1	134 16.2	1906.6	5.1	254	
11	11	1972	0.0	0300	-47 40.9	134 6.9	1913.2	5.5	254	
11	11	1972	0.0	*0338	-47 41.8	134 1.9	1916.6	5.7	256	
11	11	1972	0.0	0400	-47 42.3	133 58.9	1918.7	5.1	256	
11	11	1972	0.0	*0430	-47 42.9	133 55.2	1921.3	5.6	263	
11	11	1972	0.0	0441	-47 43.0	133 53.7	1922.3	7.4	261	
11	11	1972	0.0	0530	-47 44.0	133 44.8	1928.3	7.8	260	
11	11	1972	0.0	0630	-47 45.2	133 33.4	1936.1	7.3	261	
11	11	1972	0.0	0730	-47 46.3	133 22.7	1943.4	6.9	261	
11	11	1972	0.0	0824	-47 47.2	133 13.6	1949.6	5.3	263	
11	11	1972	0.0	0915	-47 47.7	133 6.9	1954.1	4.7	264	
11	11	1972	0.0	1000	-47 48.0	133 1.6	1957.6	4.4	265	
11	11	1972	0.0	*1032	-47 48.2	132 58.2	1960.0	4.3	265	
11	11	1972	0.0	1115	-47 48.5	132 53.6	1963.1	4.9	274	
11	11	1972	0.0	1230	-47 48.0	132 44.5	1969.2	4.7	275	
11	11	1972	0.0	*1348	-47 47.4	132 35.4	1975.3	4.8	275	
11	11	1972	0.0	1430	-47 47.1	132 30.5	1978.6	4.5	275	

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
11	11	1972	0.0	1600	-47 46.4	132 20.4	1985.4	4.8	275	
11	11	1972	0.0	*1650	-47 46.1	132 14.6	1989.4	4.7	272	
11	11	1972	0.0	1800	-47 45.8	132 6.4	1994.9	4.7	273	
11	11	1972	0.0	1845	-47 45.6	132 1.2	1998.4	4.7	273	
11	11	1972	0.0	1930	-47 45.4	131 56.0	2001.9	5.3	272	
11	11	1972	0.0	2015	-47 45.3	131 50.1	2005.8	5.4	271	
11	11	1972	0.0	2100	-47 45.1	131 44.1	2009.9	5.6	271	
11	11	1972	0.0	2135	-47 45.0	131 39.2	2013.2	4.8	262	
11	11	1972	0.0	*2142	-47 45.1	131 38.4	2013.7	4.8	258	
11	11	1972	0.0	2157	-47 45.4	131 36.6	2014.9	5.0	268	
11	11	1972	0.0	2214	-47 45.4	131 34.5	2016.4	9.1	68	
11	11	1972	0.0	2223	-47 44.9	131 36.4	2017.7	5.2	268	
12	11	1972	0.0	0000	-47 45.1	131 23.9	2026.1	5.5	268	
12	11	1972	0.0	*0024	-47 45.2	131 20.7	2028.3	5.1	270	
12	11	1972	0.0	*0116	-47 45.1	131 14.1	2032.8	5.1	265	
12	11	1972	0.0	0143	-47 45.3	131 10.7	2035.0	5.2	248	
12	11	1972	0.0	*0242	-47 47.1	131 3.5	2040.2	5.8	247	
12	11	1972	0.0	0330	-47 48.9	130 57.2	2044.8	5.6	247	
12	11	1972	0.0	*0336	-47 49.1	130 56.4	2045.4	5.3	250	
12	11	1972	0.0	*0430	-47 50.7	130 49.7	2050.1	5.1	254	
12	11	1972	0.0	0500	-47 51.3	130 46.1	2052.6	4.9	254	
12	11	1972	0.0	0539	-47 52.2	130 41.5	2055.9	1.2	277	
12	11	1972	0.0	*0546	-47 52.2	130 41.3	2056.0	1.4	246	
12	11	1972	0.0	0730	-47 53.2	130 37.9	2058.4	1.5	247	
12	11	1972	0.0	0931	-47 54.4	130 33.7	2061.5	5.7	24	
12	11	1972	0.0	0943	-47 53.3	130 34.4	2062.7	7.2	48	
12	11	1972	0.0	1004	-47 51.6	130 37.2	2065.2	5.9	48	
12	11	1972	0.0	1006	-47 51.5	130 37.4	2065.4	7.8	47	
12	11	1972	0.0	*1028	-47 49.6	130 40.5	2068.3	7.3	45	
12	11	1972	0.0	*1214	-47 40.6	130 54.1	2081.1	7.4	44	
12	11	1972	0.0	1230	-47 39.2	130 56.2	2083.1	7.3	44	
12	11	1972	0.0	1500	-47 26.2	131 15.4	2101.4	7.2	44	
12	11	1972	0.0	*1630	-47 18.5	131 26.7	2112.3	7.1	43	
12	11	1972	0.0	1700	-47 15.9	131 30.3	2115.8	7.0	43	
12	11	1972	0.0	*1748	-47 11.9	131 35.9	2121.4	6.9	42	
12	11	1972	0.0	*1934	-47 2.6	131 47.9	2133.6	6.9	45	
12	11	1972	0.0	1954	-47 1.2	131 50.3	2135.9	6.9	47	
12	11	1972	0.0	2130	-46 53.7	132 2.2	2146.9	6.8	47	
12	11	1972	0.0	*2148	-46 52.3	132 4.4	2149.0	7.0	48	
12	11	1972	0.0	2330	-46 44.4	132 17.4	2160.8	7.1	48	
12	11	1972	0.0	*2336	-46 44.0	132 18.2	2161.6	7.1	48	
13	11	1972	0.0	0130	-46 35.0	132 33.0	2175.1	7.2	48	
13	11	1972	0.0	*0154	-46 33.1	132 36.1	2178.0	7.2	49	
13	11	1972	0.0	*0248	-46 28.9	132 43.4	2184.5	7.3	48	
13	11	1972	0.0	0330	-46 25.5	132 48.9	2189.6	7.3	48	
13	11	1972	0.0	*0434	-46 20.4	132 57.4	2197.4	7.2	48	
13	11	1972	0.0	0530	-46 15.9	133 4.6	2204.1	7.2	48	
13	11	1972	0.0	0800	-46 4.0	133 23.9	2222.0	7.2	48	
13	11	1972	0.0	1030	-45 52.0	133 43.1	2240.0	7.1	48	
13	11	1972	0.0	*1040	-45 51.2	133 44.4	2241.1	7.0	47	
13	11	1972	0.0	*1226	-45 42.8	133 57.3	2253.4	7.2	49	
13	11	1972	0.0	1300	-45 40.2	134 1.8	2257.5	7.0	49	
13	11	1972	0.0	*1308	-45 39.6	134 2.8	2258.5	7.2	50	
13	11	1972	0.0	1500	-45 31.1	134 17.6	2271.8	7.1	50	
13	11	1972	0.0	*1542	-45 28.0	134 23.0	2276.8	7.2	52	
13	11	1972	0.0	*1658	-45 22.4	134 33.3	2285.9	7.2	51	
13	11	1972	0.0	1700	-45 22.3	134 33.5	2286.1	7.3	51	
13	11	1972	0.0	*1844	-45 14.4	134 47.6	2298.7	7.6	48	
13	11	1972	0.0	1900	-45 13.1	134 49.7	2300.7	7.4	49	
13	11	1972	0.0	2100	-45 3.4	135 5.5	2315.5	7.3	49	
13	11	1972	0.0	*2138	-45 0.4	135 10.5	2320.1	7.4	48	
13	11	1972	0.0	2148	-44 59.6	135 11.8	2321.4	7.4	46	
13	11	1972	0.0	*2244	-44 54.8	135 18.9	2328.3	7.4	47	
13	11	1972	0.0	2330	-44 51.0	135 24.8	2333.9	7.4	47	
14	11	1972	0.0	*0032	-44 45.9	135 32.8	2341.6	7.1	46	
14	11	1972	0.0	0050	-44 44.4	135 35.0	2343.7	7.3	340	
14	11	1972	0.0	0053	-44 44.1	135 34.8	2344.1	7.1	46	
14	11	1972	0.0	*0154	-44 39.1	135 42.2	2351.3	7.2	47	
14	11	1972	0.0	0300	-44 33.7	135 50.4	2359.3	7.2	47	
14	11	1972	0.0	*0342	-44 30.3	135 55.6	2364.3	7.1	47	

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
14	11	1972	0.0	0530	-44 21.6	136 9.0	2377.2	7.1	47	
14	11	1972	0.0	0800	-44 9.7	136 27.3	2394.9	7.2	47	
14	11	1972	0.0	*0950	-44 0.9	136 40.9	2408.1	7.0	49	
14	11	1972	0.0	1030	-43 57.8	136 45.8	2412.8	7.0	49	
14	11	1972	0.0	*1214	-43 49.9	136 58.6	2424.9	7.2	48	
14	11	1972	0.0	1300	-43 46.2	137 4.3	2430.5	7.2	48	
14	11	1972	0.0	*1448	-43 37.5	137 17.7	2443.5	7.5	51	
14	11	1972	0.0	1530	-43 34.3	137 23.4	2448.7	7.5	51	
14	11	1972	0.0	*1644	-43 28.5	137 33.5	2458.0	7.6	51	
14	11	1972	0.0	*1754	-43 23.0	137 43.0	2466.8	7.3	44	
14	11	1972	0.0	1800	-43 22.5	137 43.7	2467.6	7.2	44	
14	11	1972	0.0	2030	-43 9.7	138 1.0	2485.5	7.2	44	
14	11	1972	0.0	*2154	-43 2.5	138 10.7	2495.6	7.1	42	
14	11	1972	0.0	2300	-42 56.7	138 17.9	2503.4	7.1	42	
14	11	1972	0.0	*2340	-42 53.2	138 22.2	2508.2	7.4	43	
15	11	1972	0.0	*0012	-42 50.3	138 26.0	2512.1	7.1	45	
15	11	1972	0.0	0130	-42 43.8	138 34.9	2521.4	7.2	45	
15	11	1972	0.0	*0204	-42 40.9	138 38.8	2525.5	7.3	44	
15	11	1972	0.0	*0250	-42 36.9	138 44.1	2531.0	7.1	44	
15	11	1972	0.0	0300	-42 36.1	138 45.3	2532.2	7.0	42	
15	11	1972	0.0	*0350	-42 31.8	138 50.6	2538.1	7.3	44	
15	11	1972	0.0	0530	-42 23.2	139 2.2	2550.2	7.2	44	
15	11	1972	0.0	0800	-42 10.3	139 19.4	2568.3	7.2	44	
15	11	1972	0.0	0930	-42 2.6	139 29.6	2579.1	7.2	46	
15	11	1972	0.0	*1118	-41 53.7	139 42.3	2592.1	7.4	47	
15	11	1972	0.0	1200	-41 50.2	139 47.5	2597.3	7.3	47	
15	11	1972	0.0	*1306	-41 44.8	139 55.4	2605.3	7.1	46	
15	11	1972	0.0	1430	-41 38.0	140 5.0	2615.2	7.1	46	
15	11	1972	0.0	*1544	-41 31.9	140 13.5	2624.0	7.0	48	
15	11	1972	0.0	1700	-41 26.0	140 22.4	2632.9	6.9	48	
15	11	1972	0.0	*1706	-41 25.5	140 23.1	2633.6	6.9	46	
15	11	1972	0.0	1930	-41 14.2	140 39.1	2650.1	6.9	46	
15	11	1972	0.0	2100	-41 7.1	140 49.1	2660.5	6.9	46	
15	11	1972	0.0	*2108	-41 6.5	140 50.0	2661.4	7.2	45	
15	11	1972	0.0	*2132	-41 4.5	140 52.7	2664.2	7.4	45	
15	11	1972	0.0	2246	-40 58.1	141 1.4	2673.4	6.1	46	
15	11	1972	0.0	2302	-40 57.0	141 2.9	2675.0	2.8	352	
15	11	1972	0.0	2310	-40 56.6	141 2.9	2675.3	0.1	93	
15	11	1972	0.0	2320	-40 56.6	141 2.9	2675.4	2.3	28	
15	11	1972	0.0	2340	-40 55.9	141 3.4	2676.1	0.1	94	
15	11	1972	0.0	2348	-40 55.9	141 3.4	2676.2	5.2	46	
15	11	1972	0.0	2358	-40 55.3	141 4.2	2677.0	7.3	45	
16	11	1972	0.0	*0044	-40 51.5	141 9.5	2682.6	7.2	43	
16	11	1972	0.0	*0200	-40 44.9	141 17.8	2691.7	7.1	41	
16	11	1972	0.0	*0344	-40 35.7	141 28.6	2703.9	6.7	40	
16	11	1972	0.0	0430	-40 31.8	141 32.9	2709.1	6.5	42	
16	11	1972	0.0	0700	-40 19.7	141 47.2	2725.3	6.4	41	
16	11	1972	0.0	0930	-40 7.9	142 1.1	2741.2	6.3	41	
16	11	1972	0.0	*1024	-40 3.7	142 6.0	2746.9	6.3	44	
16	11	1972	0.0	1130	-39 58.7	142 12.3	2753.8	6.4	44	
16	11	1972	0.0	*1148	-39 57.3	142 14.1	2755.7	6.3	46	
16	11	1972	0.0	1230	-39 54.3	142 18.3	2760.2	6.1	49	
16	11	1972	0.0	*1308	-39 51.8	142 22.1	2764.0	6.1	46	
16	11	1972	0.0	1430	-39 46.1	142 29.9	2772.3	5.9	46	
16	11	1972	0.0	*1452	-39 44.6	142 31.9	2774.4	6.0	47	
16	11	1972	0.0	*1616	-39 38.9	142 39.9	2782.8	5.9	43	
16	11	1972	0.0	1630	-39 37.9	142 41.1	2784.2	4.9	42	
16	11	1972	0.0	1730	-39 34.3	142 45.4	2789.0	4.4	41	
16	11	1972	0.0	1800	-39 32.7	142 47.3	2791.2	3.6	40	
16	11	1972	0.0	1830	-39 31.3	142 48.8	2793.1	3.3	38	
16	11	1972	0.0	1900	-39 30.0	142 50.1	2794.7	3.3	38	
16	11	1972	0.0	1930	-39 28.8	142 51.5	2796.3	2.5	35	
16	11	1972	0.0	2015	-39 27.2	142 52.9	2798.2	2.2	33	
16	11	1972	0.0	2100	-39 25.8	142 54.1	2799.9	1.9	31	
16	11	1972	0.0	2230	-39 23.3	142 56.0	2802.8	1.9	43	
16	11	1972	0.0	*2352	-39 21.5	142 58.3	2805.3	1.8	48	
17	11	1972	0.0	0000	-39 21.3	142 58.5	2805.6	1.8	49	
17	11	1972	0.0	*0106	-39 20.1	143 0.4	2807.5	2.0	54	
17	11	1972	0.0	0148	-39 19.3	143 1.9	2808.9	2.3	67	
17	11	1972	0.0	*0252	-39 18.4	143 4.8	2811.3	2.7	65	

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
17	11	1972	0.0	0300	-39 18.2	143 5.2	2811.7	3.2	66	
17	11	1972	0.0	0500	-39 15.7	143 12.7	2818.0	3.4	66	
17	11	1972	0.0	*0700	-39 13.0	143 20.7	2824.8	3.1	62	
17	11	1972	0.0	0900	-39 10.1	143 27.9	2831.1	3.1	62	
17	11	1972	0.0	1100	-39 7.3	143 34.9	2837.2	3.1	62	
17	11	1972	0.0	*1106	-39 7.1	143 35.3	2837.5	2.5	63	
17	11	1972	0.0	1300	-39 5.0	143 40.8	2842.3	2.6	64	
17	11	1972	0.0	*1416	-39 3.6	143 44.6	2845.6	3.3	70	
17	11	1972	0.0	1457	-39 2.8	143 47.3	2847.8	3.9	32	
17	11	1972	0.0	1505	-39 2.4	143 47.7	2848.3	3.4	47	
17	11	1972	0.0	1508	-39 2.3	143 47.8	2848.5	3.4	58	
17	11	1972	0.0	1511	-39 2.2	143 48.0	2848.7	3.6	70	
17	11	1972	0.0	*1602	-39 1.1	143 51.8	2851.7	3.9	69	
17	11	1972	0.0	1700	-38 59.8	143 56.4	2855.6	4.2	69	
17	11	1972	0.0	1830	-38 57.6	144 3.9	2861.8	5.7	34	
17	11	1972	0.0	2000	-38 50.6	144 10.1	2870.3	6.0	34	
17	11	1972	0.0	*2116	-38 44.3	144 15.6	2878.0	5.8	28	
17	11	1972	0.0	2143	-38 42.0	144 17.2	2880.6	7.0	212	
17	11	1972	0.0	2153	-38 43.0	144 16.4	2881.7	4.2	32	
17	11	1972	0.0	2158	-38 42.7	144 16.6	2882.1	3.8	119	
17	11	1972	0.0	2203	-38 42.9	144 17.0	2882.4	6.1	232	
17	11	1972	0.0	2210	-38 43.3	144 16.3	2883.1	6.3	306	
17	11	1972	0.0	2214	-38 43.0	144 15.8	2883.5	4.6	35	
17	11	1972	0.0	2222	-38 42.5	144 16.3	2884.1	5.9	216	
17	11	1972	0.0	2227	-38 42.9	144 15.9	2884.6	3.2	57	
17	11	1972	0.0	2233	-38 42.8	144 16.3	2884.9	4.8	27	
17	11	1972	0.0	*2302	-38 40.7	144 17.6	2887.3	5.0	31	
17	11	1972	0.0	2346	-38 37.6	144 20.1	2890.9	4.2	30	
18	11	1972	0.0	0100	-38 33.1	144 23.4	2896.1	4.5	30	
18	11	1972	0.0	0243	-38 26.5	144 28.4	2903.8	4.4	37	
18	11	1972	0.0	0337	-38 23.3	144 31.6	2907.8	4.6	32	
18	11	1972	0.0	0400	-38 21.8	144 32.8	2909.6	3.5	31	
18	11	1972	0.0	0424	-38 20.6	144 33.7	2911.0	3.5	39	
18	11	1972	0.0	0432	-38 20.3	144 34.1	2911.4	4.1	42	
18	11	1972	0.0	0436	-38 20.1	144 34.3	2911.7	4.3	45	
18	11	1972	0.0	0521	-38 17.8	144 37.3	2914.9	3.7	46	
18	11	1972	0.0	0524	-38 17.7	144 37.4	2915.1	7.8	49	
18	11	1972	0.0	0529	-38 17.3	144 38.1	2915.8	6.5	52	
18	11	1972	0.0	0535	-38 16.9	144 38.7	2916.4	7.4	57	
18	11	1972	0.0	0538	-38 16.7	144 39.1	2916.8	7.4	50	
18	11	1972	0.0	0541	-38 16.4	144 39.5	2917.2	7.9	23	
18	11	1972	0.0	0546	-38 15.8	144 39.8	2917.8	6.8	31	
18	11	1972	0.0	0551	-38 15.4	144 40.2	2918.4	7.4	46	
18	11	1972	0.0	0557	-38 14.8	144 40.9	2919.1	6.9	57	
18	11	1972	0.0	0601	-38 14.6	144 41.4	2919.6	7.2	93	
18	11	1972	0.0	0604	-38 14.6	144 41.8	2919.9	7.2	99	
18	11	1972	0.0	0744	-38 16.5	144 56.9	2931.9	7.2	95	
18	11	1972	0.0	0753	-38 16.6	144 58.3	2933.0	5.5	62	
18	11	1972	0.0	0755	-38 16.5	144 58.5	2933.2	5.5	50	
18	11	1972	0.0	0757	-38 16.4	144 58.7	2933.4	5.8	357	
18	11	1972	0.0	0939	-38 6.5	144 58.0	2943.3	5.8	354	
18	11	1972	0.0	1148	-37 54.0	144 56.5	2955.8	1.8	34	
18	11	1972	0.0	1233	-37 52.9	144 57.5	2957.2	2.0	20	
18	11	1972	0.0	1311	-37 51.7	144 58.0	2958.4	2.0	5	
18	11	1972	0.0	1320	-37 51.4	144 58.0	2958.8	2.0	334	
18	11	1972	0.0	1330	-37 51.1	144 57.9	2959.1	2.0	316	
18	11	1972	0.0	1350	-37 50.6	144 57.3	2959.8	2.5	335	
18	11	1972	0.0	1355	-37 50.4	144 57.2	2960.0	2.5	353	
18	11	1972	0.0	1400	-37 50.2	144 57.1	2960.2	2.3	11	
18	11	1972	0.0	1405	-37 50.0	144 57.2	2960.4	2.2	31	
18	11	1972	0.0	1410	-37 49.9	144 57.3	2960.5	2.1	51	
18	11	1972	0.0	1415	-37 49.8	144 57.5	2960.7	2.0	73	
18	11	1972	0.0	1420	-37 49.7	144 57.7	2960.9	0.3	301	
18	11	1972	0.0	1630	-37 49.3	144 56.9	2961.6	0.4	295	
18	11	1972	0.0	1631	-37 49.3	144 56.9	2961.6			

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
2	12	1972	0.0	*2246	-37 50.8	144 55.8	0.0	0.5	261	
2	12	1972	0.0	2247	-37 50.8	144 55.8	0.0	0.5	262	
2	12	1972	0.0	2254	-37 50.8	144 55.7	0.1	8.5	181	
2	12	1972	0.0	2300	-37 51.6	144 55.7	0.9	12.2	182	
2	12	1972	0.0	2313	-37 54.3	144 55.6	3.6	11.8	184	
3	12	1972	0.0	0000	-38 3.5	144 54.7	12.8	11.1	184	
3	12	1972	0.0	0020	-38 7.2	144 54.4	16.5	12.1	184	
3	12	1972	0.0	0053	-38 13.8	144 53.7	23.2	11.1	184	
3	12	1972	0.0	0133	-38 21.2	144 53.0	30.6	11.7	274	
3	12	1972	0.0	0139	-38 21.1	144 51.5	31.7	12.2	284	
3	12	1972	0.0	0150	-38 20.6	144 48.8	34.0	12.0	284	
3	12	1972	0.0	0235	-38 18.4	144 37.7	42.9	10.2	223	
3	12	1972	0.0	0243	-38 19.4	144 36.5	44.3	9.8	245	
3	12	1972	0.0	0255	-38 20.2	144 34.2	46.3	4.9	239	
3	12	1972	0.0	0300	-38 20.4	144 33.7	46.7	6.1	258	
3	12	1972	0.0	0305	-38 20.5	144 33.1	47.2	1.9	251	
3	12	1972	0.0	0309	-38 20.5	144 33.0	47.3	1.9	270	
3	12	1972	0.0	0313	-38 20.5	144 32.8	47.4	10.5	226	
3	12	1972	0.0	0500	-38 33.5	144 15.4	66.3	10.0	226	
3	12	1972	0.0	0638	-38 44.7	144 0.1	82.7	9.4	226	
3	12	1972	0.0	0643	-38 45.3	143 59.4	83.4	9.1	223	
3	12	1972	0.0	0730	-38 50.4	143 53.0	90.6	8.8	224	
3	12	1972	0.0	0900	-38 59.9	143 41.2	103.8	9.3	182	
3	12	1972	0.0	1002	-39 9.5	143 40.6	113.4	10.5	269	
3	12	1972	0.0	*1050	-39 9.6	143 29.8	121.8	10.9	269	
3	12	1972	0.0	1104	-39 9.6	143 26.5	124.3	11.3	298	
3	12	1972	0.0	1121	-39 8.1	143 22.9	127.5	11.0	269	
3	12	1972	0.0	1204	-39 8.1	143 12.7	135.4	9.8	185	
3	12	1972	0.0	1318	-39 20.2	143 11.3	147.5	11.0	269	
3	12	1972	0.0	*1350	-39 20.3	143 3.7	153.4	10.8	270	
3	12	1972	0.0	1502	-39 20.2	142 46.9	166.4	4.1	270	
3	12	1972	0.0	1512	-39 20.2	142 46.0	167.0	5.2	270	
3	12	1972	0.0	1541	-39 20.2	142 42.8	169.6	10.4	270	
3	12	1972	0.0	1548	-39 20.2	142 41.2	170.8	9.3	137	
3	12	1972	0.0	1652	-39 27.5	142 49.8	180.7	9.5	228	
3	12	1972	0.0	1717	-39 30.2	142 46.0	184.7	11.2	312	
3	12	1972	0.0	1835	-39 20.3	142 32.1	199.2	4.6	309	
3	12	1972	0.0	1853	-39 19.5	142 30.7	200.6	7.9	138	
3	12	1972	0.0	1859	-39 20.1	142 31.4	201.4	2.9	144	
3	12	1972	0.0	1904	-39 20.2	142 31.6	201.7	1.8	230	
3	12	1972	0.0	1912	-39 20.4	142 31.3	201.9	0.7	274	START 9
3	12	1972	0.0	2031	-39 20.3	142 30.1	202.9	3.9	142	END 9
3	12	1972	0.0	2040	-39 20.8	142 30.6	203.4	1.2	116	
3	12	1972	0.0	2043	-39 20.8	142 30.6	203.5	3.5	143	
3	12	1972	0.0	*2058	-39 21.5	142 31.3	204.4	4.2	128	
3	12	1972	0.0	2100	-39 21.6	142 31.5	204.5	0.5	71	START 10
3	12	1972	0.0	*2246	-39 21.3	142 32.5	205.4	0.7	333	10
3	12	1972	0.0	2317	-39 21.0	142 32.3	205.7	2.2	320	END 10
3	12	1972	0.0	2328	-39 20.7	142 32.0	206.1	1.3	56	
3	12	1972	0.0	2336	-39 20.6	142 32.2	206.3	3.3	318	
3	12	1972	0.0	2351	-39 20.0	142 31.5	207.1	1.3	125	
3	12	1972	0.0	2357	-39 20.0	142 31.6	207.3	3.8	131	
4	12	1972	0.0	0011	-39 20.6	142 32.4	208.1	1.0	175	
4	12	1972	0.0	0018	-39 20.7	142 32.5	208.2	3.5	318	
4	12	1972	0.0	0028	-39 20.3	142 32.0	208.8	2.1	67	
4	12	1972	0.0	0033	-39 20.2	142 32.2	209.0	0.7	333	START 11
4	12	1972	0.0	0249	-39 18.9	142 31.3	210.6	0.7	333	END 11
4	12	1972	0.0	0250	-39 18.9	142 31.3	210.6	0.7	333	START 12
4	12	1972	0.0	0355	-39 18.2	142 30.8	211.3	9.8	316	END 12
4	12	1972	0.0	0408	-39 16.7	142 28.9	213.4	7.2	85	
4	12	1972	0.0	0426	-39 16.5	142 31.7	215.6	7.3	133	
4	12	1972	0.0	0513	-39 20.4	142 37.1	221.3	0.7	333	START 13
4	12	1972	0.0	0632	-39 19.6	142 36.6	222.2	10.4	316	END 13
4	12	1972	0.0	0643	-39 18.2	142 34.9	224.1	9.7	316	
4	12	1972	0.0	0746	-39 10.9	142 25.8	234.3	9.2	316	
4	12	1972	0.0	0914	-39 1.1	142 13.8	247.7	9.0	293	
4	12	1972	0.0	1010	-38 57.8	142 3.9	256.1	9.0	330	
4	12	1972	0.0	1042	-38 53.7	142 0.8	260.9	8.4	293	
4	12	1972	0.0	1105	-38 52.4	141 57.0	264.1	4.5	104	
4	12	1972	0.0	1122	-38 52.7	141 58.6	265.4	8.9	107	

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
4	12	1972	0.0	1137	-38 53.4	142 1.4	267.6	0.7	333	START 14
4	12	1972	0.0	1256	-38 52.6	142 0.9	268.5	0.7	333	END 14
4	12	1972	0.0	1259	-38 52.6	142 0.8	268.6	0.7	332	START 15
4	12	1972	0.0	*1342	-38 52.1	142 0.6	269.0	0.7	269	15
4	12	1972	0.0	1352	-38 52.1	142 0.4	269.2	2.7	77	END 15
4	12	1972	0.0	1412	-38 51.9	142 1.5	270.1	8.4	164	
4	12	1972	0.0	1503	-38 58.8	142 4.0	277.2	9.8	290	
4	12	1972	0.0	1626	-38 54.1	141 47.7	290.8	11.1	290	
4	12	1972	0.0	1813	-38 47.1	141 23.9	310.6	10.3	293	
4	12	1972	0.0	1920	-38 42.5	141 10.3	322.1	10.6	297	
4	12	1972	0.0	1938	-38 41.0	141 6.7	325.3	9.5	297	
4	12	1972	0.0	*1956	-38 39.7	141 3.4	328.2	9.1	299	
4	12	1972	0.0	2009	-38 38.8	141 1.2	330.1	8.0	88	
4	12	1972	0.0	2138	-38 38.5	141 16.4	342.0	8.5	315	
4	12	1972	0.0	2155	-38 36.8	141 14.3	344.4	9.1	290	
4	12	1972	0.0	2242	-38 34.3	141 5.7	351.6	7.9	135	
4	12	1972	0.0	2320	-38 37.9	141 10.3	356.6	8.3	181	
4	12	1972	0.0	2332	-38 39.5	141 10.2	358.2	8.7	315	
5	12	1972	0.0	0008	-38 35.8	141 5.5	363.5	4.9	315	
5	12	1972	0.0	0020	-38 35.1	141 4.6	364.4	5.4	135	
5	12	1972	0.0	0049	-38 37.0	141 7.0	367.1	1.6	78	
5	12	1972	0.0	0102	-38 36.9	141 7.4	367.4	0.2	315	START 16
5	12	1972	0.0	*0140	-38 36.8	141 7.3	367.6	0.5	273	16
5	12	1972	0.0	0158	-38 36.8	141 7.1	367.7	0.5	273	END 16
5	12	1972	0.0	0159	-38 36.8	141 7.1	367.7	0.5	273	START 17
5	12	1972	0.0	0229	-38 36.8	141 6.8	367.9	8.8	227	END 17
5	12	1972	0.0	0241	-38 38.0	141 5.2	369.7	7.3	137	
5	12	1972	0.0	0306	-38 40.2	141 7.8	372.7	0.5	273	START 18
5	12	1972	0.0	0415	-38 40.2	141 7.1	373.3	0.5	275	END 18
5	12	1972	0.0	0416	-38 40.2	141 7.1	373.3	0.5	273	START 19
5	12	1972	0.0	0501	-38 40.2	141 6.7	373.6	0.5	274	END 19
5	12	1972	0.0	0507	-38 40.1	141 6.6	373.7	8.5	227	
5	12	1972	0.0	0529	-38 42.3	141 3.7	376.8	7.5	137	
5	12	1972	0.0	0635	-38 48.3	141 10.9	385.1	9.0	270	
5	12	1972	0.0	0722	-38 48.3	141 1.8	392.1	7.0	137	
5	12	1972	0.0	0758	-38 51.4	141 5.5	396.3	0.5	273	START 20
5	12	1972	0.0	*0852	-38 51.4	141 4.9	396.7	0.8	283	20
5	12	1972	0.0	0942	-38 51.2	141 4.1	397.4	0.8	283	END 20
5	12	1972	0.0	0943	-38 51.2	141 4.1	397.4	0.8	283	START 21
5	12	1972	0.0	*1046	-38 51.0	141 3.0	398.3	0.9	264	21
5	12	1972	0.0	*1214	-38 51.2	141 1.3	399.6	0.9	215	21
5	12	1972	0.0	1220	-38 51.2	141 1.2	399.7	5.9	223	END 21
5	12	1972	0.0	1238	-38 52.5	140 59.6	401.5	10.3	224	
5	12	1972	0.0	1247	-38 53.6	140 58.3	403.0	11.2	224	
5	12	1972	0.0	1259	-38 55.2	140 56.2	405.3	9.6	140	
5	12	1972	0.0	1333	-38 59.4	141 0.7	410.8	10.3	265	
5	12	1972	0.0	*1400	-38 59.8	140 54.8	415.4	9.8	266	
5	12	1972	0.0	1445	-39 0.2	140 45.4	422.7	9.6	147	
5	12	1972	0.0	1537	-39 7.2	140 51.2	431.1	9.9	266	
5	12	1972	0.0	1630	-39 7.6	140 40.0	439.8	9.5	151	
5	12	1972	0.0	1722	-39 14.9	140 45.0	448.0	9.4	256	
5	12	1972	0.0	1809	-39 16.6	140 35.7	455.4	9.7	137	
5	12	1972	0.0	2028	-39 33.2	140 55.5	478.0	10.4	137	
5	12	1972	0.0	*2050	-39 36.1	140 58.9	481.8	10.3	135	
5	12	1972	0.0	2126	-39 40.5	141 4.5	488.0	10.1	268	
5	12	1972	0.0	2146	-39 40.6	141 0.1	491.4	4.6	267	
5	12	1972	0.0	2157	-39 40.6	140 59.0	492.2	0.2	165	START 22
5	12	1972	0.0	*2240	-39 40.7	140 59.1	492.4	0.4	327	22
6	12	1972	0.0	0513	-39 38.4	140 57.1	495.1	3.8	231	END 22
6	12	1972	0.0	0535	-39 39.3	140 55.7	496.5	8.3	227	
6	12	1972	0.0	0724	-39 49.4	140 41.3	511.5	4.0	230	
6	12	1972	0.0	0735	-39 49.8	140 40.5	512.2	0.4	327	START 23
6	12	1972	0.0	*0802	-39 49.7	140 40.4	512.4	0.3	104	23
6	12	1972	0.0	0932	-39 49.8	140 41.0	512.9	0.3	104	END 23
6	12	1972	0.0	*0950	-39 49.8	140 41.1	513.0	0.4	50	
6	12	1972	0.0	1000	-39 49.8	140 41.1	513.0	0.4	51	START 24
6	12	1972	0.0	1221	-39 49.2	140 42.0	513.9	4.3	224	END 24
6	12	1972	0.0	1238	-39 50.1	140 40.9	515.1	10.1	224	
6	12	1972	0.0	1423	-40 2.6	140 24.7	532.8	4.6	224	
6	12	1972	0.0	1450	-40 4.1	140 22.8	534.9	0.4	51	START 25

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION	NO.
6	12	1972	0.0	1700	-40 3.6	140 23.6	535.7	1.9	170		25
6	12	1972	0.0	1800	-40 5.4	140 24.0	537.6	0.4	50		25
6	12	1972	0.0	1949	-40 5.0	140 24.7	538.2	4.0	224	END	25
6	12	1972	0.0	*2004	-40 5.7	140 23.7	539.2	4.4	236		
6	12	1972	0.0	2012	-40 6.1	140 23.1	539.8	9.7	230		
6	12	1972	0.0	2058	-40 10.8	140 15.6	547.3	11.1	86		
6	12	1972	0.0	2119	-40 10.6	140 20.7	551.2	9.1	230		
6	12	1972	0.0	*2150	-40 13.6	140 16.0	555.8	8.8	228		
6	12	1972	0.0	2228	-40 17.3	140 10.5	561.4	9.4	273		
6	12	1972	0.0	2308	-40 16.9	140 2.3	567.7	8.5	359		
6	12	1972	0.0	2313	-40 16.2	140 2.3	568.4	8.0	41		
6	12	1972	0.0	*2358	-40 11.6	140 7.5	574.5	8.0	39		
7	12	1972	0.0	0034	-40 7.9	140 11.5	579.3	11.7	41		
7	12	1972	0.0	0041	-40 6.9	140 12.7	580.6	9.9	274		
7	12	1972	0.0	*0208	-40 5.7	139 54.0	594.9	10.3	269		
7	12	1972	0.0	0252	-40 5.8	139 44.2	602.5	4.6	269		
7	12	1972	0.0	0308	-40 5.8	139 42.6	603.7	0.8	267		
7	12	1972	0.0	0333	-40 5.8	139 42.2	604.0	0.8	267	START	26
7	12	1972	0.0	*0356	-40 5.8	139 41.8	604.3	0.6	200		26
7	12	1972	0.0	*0854	-40 8.5	139 40.4	607.2	0.1	136		26
7	12	1972	0.0	1011	-40 8.6	139 40.6	607.3	4.5	269	END	26
7	12	1972	0.0	1032	-40 8.7	139 38.5	608.9	10.3	269		
7	12	1972	0.0	*1222	-40 8.8	139 13.8	627.8	9.7	272		
7	12	1972	0.0	1230	-40 8.7	139 12.1	629.1	10.0	272		
7	12	1972	0.0	1400	-40 8.1	138 52.5	644.1	10.2	272		
7	12	1972	0.0	1511	-40 7.6	138 36.8	656.1	10.7	288		
7	12	1972	0.0	1730	-39 59.9	138 6.1	680.8	10.7	288		
7	12	1972	0.0	*1916	-39 54.0	137 42.7	699.7	10.7	287		
7	12	1972	0.0	2000	-39 51.7	137 33.0	707.5	10.8	287		
7	12	1972	0.0	*2054	-39 48.8	137 20.9	717.2	10.8	285		
7	12	1972	0.0	2200	-39 45.7	137 6.1	729.1	10.6	285		
7	12	1972	0.0	*2238	-39 43.9	136 57.7	735.8	10.3	287		
7	12	1972	0.0	2330	-39 41.2	136 46.6	744.7	10.1	271		
8	12	1972	0.0	0019	-39 41.0	136 35.8	753.0	10.1	303		
8	12	1972	0.0	0028	-39 40.2	136 34.2	754.5	10.0	271		
8	12	1972	0.0	*0050	-39 40.1	136 29.4	758.1	9.6	271		
8	12	1972	0.0	0054	-39 40.1	136 28.6	758.8	9.5	259		
8	12	1972	0.0	0230	-39 42.7	136 9.2	773.9	9.1	259		
8	12	1972	0.0	*0240	-39 43.0	136 7.3	775.4	9.7	261		
8	12	1972	0.0	0345	-39 44.6	135 53.7	786.0	9.7	272		
8	12	1972	0.0	0530	-39 43.9	135 31.6	803.0	9.5	272		
8	12	1972	0.0	0738	-39 43.1	135 5.3	823.3	5.0	274		
8	12	1972	0.0	0741	-39 43.1	135 5.0	823.5	7.9	272		
8	12	1972	0.0	0902	-39 42.6	134 51.1	834.2	1.9	281		
8	12	1972	0.0	0952	-39 42.3	134 49.1	835.8	0.7	58	START	27
8	12	1972	0.0	*1000	-39 42.2	134 49.2	835.9	0.5	192		27
8	12	1972	0.0	*1204	-39 43.3	134 48.9	837.0	0.5	276		27
8	12	1972	0.0	1230	-39 43.3	134 48.6	837.2	5.9	270	END	27
8	12	1972	0.0	1343	-39 43.2	134 39.3	844.3	10.7	270		
8	12	1972	0.0	*1348	-39 43.2	134 38.2	845.2	10.0	269		
8	12	1972	0.0	*1506	-39 43.3	134 21.3	858.2	9.6	271		
8	12	1972	0.0	1530	-39 43.3	134 16.3	862.0	9.5	271		
8	12	1972	0.0	1730	-39 42.9	133 51.5	881.1	9.7	271		
8	12	1972	0.0	1930	-39 42.6	133 26.2	900.6	9.6	271		
8	12	1972	0.0	2136	-39 42.2	133 0.1	920.7	5.1	271		
8	12	1972	0.0	*2144	-39 42.2	132 59.2	921.4	5.2	271		
8	12	1972	0.0	2150	-39 42.2	132 58.5	921.9	8.3	132		
8	12	1972	0.0	2330	-39 51.5	133 11.8	935.7	8.6	132		
8	12	1972	0.0	*2332	-39 51.7	133 12.1	936.0	8.2	131		
9	12	1972	0.0	*0032	-39 57.1	133 20.2	944.3	8.2	132		
9	12	1972	0.0	0122	-40 1.8	133 26.7	951.1	4.6	202		
9	12	1972	0.0	0156	-40 4.2	133 25.4	953.7	8.0	87		
9	12	1972	0.0	*0218	-40 4.1	133 29.2	956.6	8.3	88		
9	12	1972	0.0	0259	-40 3.9	133 36.6	962.3	7.1	271		
9	12	1972	0.0	0308	-40 3.9	133 35.2	963.4	10.2	302		
9	12	1972	0.0	0530	-39 51.0	133 8.6	987.5	10.4	302		
9	12	1972	0.0	0744	-39 38.6	132 42.9	1010.8	10.3	281		
9	12	1972	0.0	*0850	-39 36.3	132 28.5	1022.2	10.3	280		
9	12	1972	0.0	0930	-39 35.0	132 19.7	1029.0	10.5	280		
9	12	1972	0.0	1100	-39 32.2	131 59.7	1044.8	10.6	280		

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION	NO.
9	12	1972	0.0	1215	-39 29.7	131 42.7	1058.0	9.5	280		
9	12	1972	0.0	*1234	-39 29.2	131 38.9	1061.1	9.7	279		
9	12	1972	0.0	1409	-39 26.5	131 19.3	1076.4	10.5	179		
9	12	1972	0.0	1444	-39 32.7	131 19.4	1082.6	11.5	90		
9	12	1972	0.0	*1516	-39 32.7	131 27.3	1088.7	12.1	90		
9	12	1972	0.0	1527	-39 32.7	131 30.2	1090.9	10.4	4		
9	12	1972	0.0	1626	-39 22.5	131 31.2	1101.2	12.1	90		
9	12	1972	0.0	1638	-39 22.5	131 34.4	1103.6	10.7	175		
9	12	1972	0.0	1712	-39 28.5	131 35.0	1109.6	8.6	280		
9	12	1972	0.0	1900	-39 25.6	131 15.3	1125.1	8.7	280		
9	12	1972	0.0	*2050	-39 22.7	130 55.1	1141.0	8.8	283		
9	12	1972	0.0	2130	-39 21.3	130 47.8	1146.8	9.4	283		
9	12	1972	0.0	*2236	-39 18.9	130 34.7	1157.2	9.7	282		
9	12	1972	0.0	2253	-39 18.3	130 31.3	1159.9	11.8	45		
9	12	1972	0.0	2341	-39 11.7	130 40.0	1169.3	9.6	282		
10	12	1972	0.0	0101	-39 8.9	130 23.9	1182.1	11.3	31		
10	12	1972	0.0	0111	-39 7.3	130 25.2	1184.0	9.3	282		
10	12	1972	0.0	*0130	-39 6.6	130 21.4	1186.9	9.8	279		
10	12	1972	0.0	0141	-39 6.3	130 19.2	1188.7	10.2	179		
10	12	1972	0.0	0157	-39 9.1	130 19.2	1191.5	9.2	259		
10	12	1972	0.0	0247	-39 10.4	130 9.4	1199.2	9.8	299		
10	12	1972	0.0	0322	-39 7.6	130 3.0	1204.9	10.7	181		
10	12	1972	0.0	0340	-39 10.8	130 2.9	1208.1	10.4	299		
10	12	1972	0.0	*0410	-39 8.2	129 57.1	1213.3	10.4	301		
10	12	1972	0.0	0424	-39 6.9	129 54.4	1215.7	9.4	225		
10	12	1972	0.0	0538	-39 15.1	129 43.8	1227.3	10.2	281		
10	12	1972	0.0	0730	-39 11.3	129 19.7	1246.3	10.4	281		
10	12	1972	0.0	0850	-39 8.5	129 2.2	1260.2	12.1	39		
10	12	1972	0.0	*0942	-39 0.5	129 10.9	1270.7	11.7	40		
10	12	1972	0.0	1037	-38 52.3	129 19.9	1281.4	10.7	40		
10	12	1972	0.0	1110	-38 47.9	129 24.8	1287.3	11.4	95		
10	12	1972	0.0	1114	-38 47.9	129 25.8	1288.1	11.2	40		
10	12	1972	0.0	1126	-38 46.3	129 27.7	1290.3	10.8	314		
10	12	1972	0.0	1335	-38 29.9	129 6.6	1313.5	10.5	289		
10	12	1972	0.0	*1352	-38 28.9	129 3.0	1316.5	10.1	291		
10	12	1972	0.0	*1516	-38 23.7	128 46.3	1330.6	9.8	290		
10	12	1972	0.0	1530	-38 22.9	128 43.5	1332.9	9.7	290		
10	12	1972	0.0	*1800	-38 14.4	128 14.5	1357.2	10.3	290		
10	12	1972	0.0	*2022	-38 5.7	127 45.4	1381.7	9.7	293		
10	12	1972	0.0	2030	-38 5.2	127 43.9	1383.0	10.0	293		
10	12	1972	0.0	2230	-37 57.4	127 20.6	1402.9	10.0	293		
10	12	1972	0.0	*2328	-37 53.6	127 9.4	1412.6	10.5	290		
11	12	1972	0.0	*0042	-37 49.0	126 54.1	1425.5	10.0	292		
11	12	1972	0.0	0047	-37 48.7	126 53.1	1426.3	10.8	319		
11	12	1972	0.0	*0150	-37 40.1	126 43.7	1437.7	11.3	317		
11	12	1972	0.0	0222	-37 35.6	126 38.6	1443.7	11.9	88		
11	12	1972	0.0	0252	-37 35.5	126 46.0	1449.6	6.0	87		
11	12	1972	0.0	0300	-37 35.5	126 47.0	1450.4	0.5	56		
11	12	1972	0.0	0307	-37 35.4	126 47.1	1450.5	3.3	223		
11	12	1972	0.0	0319	-37 35.9	126 46.5	1451.1	3.6	173		
11	12	1972	0.0	0353	-37 37.9	126 46.8	1453.2	0.5	56	START	28
11	12	1972	0.0	*0510	-37 37.6	126 47.4	1453.8	0.5	34		28
11	12	1972	0.0	0559	-37 37.3	126 47.7	1454.2	6.3	319	END	28
11	12	1972	0.0	0632	-37 34.7	126 44.9	1457.6	11.4	317		
11	12	1972	0.0	0638	-37 33.8	126 43.9	1458.8	5.7	319		
11	12	1972	0.0	0646	-37 33.2	126 43.3	1459.5	7.1	131		
11	12	1972	0.0	0712	-37 35.3	126 46.2	1462.6	0.5	34	START	29
11	12	1972	0.0	0946	-37 34.2	126 47.1	1463.9	8.8	87		29
11	12	1972	0.0	0950	-37 34.2	126 47.9	1464.5	9.9	178	END	29
11	12	1972	0.0	1023	-37 39.6	126 48.1	1469.9	10.5	87		
11	12	1972	0.0	1034	-37 39.5	126 50.5	1471.8	9.6	1		
11	12	1972	0.0	1042	-37 38.2	126 50.6	1473.1	8.1	178		
11	12	1972	0.0	1050	-37 39.3	126 50.6	1474.2	0.5	34	START	30
11	12	1972	0.0	*1106	-37 39.2	126 50.7	1474.3	0.7	106		30
11	12	1972	0.0	1353	-37 39.8	126 53.2	1476.3	5.4	318	END	30
11	12	1972	0.0	1407	-37 38.9	126 52.1	1477.6	10.2	316		
11	12	1972	0.0	1600	-37 24.8	126 35.6	1496.8	10.1	316		
11	12	1972	0.0	1759	-37 10.2	126 18.4	1516.9	10.0	268		
11	12	1972	0.0	2000	-37 10.6	125 53.1	1537.0	10.1	268		
11	12	1972	0.0	*2044	-37 10.7	125 43.9	1544.3	9.8	269		

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
11	12	1972	0.0	2200	-37 10.9	125 28.3	1556.7	9.7	269	
11	12	1972	0.0*	2232	-37 10.9	125 21.8	1561.9	9.6	269	
12	12	1972	0.0	0000	-37 11.1	125 4.1	1576.0	9.6	269	
12	12	1972	0.0*	0058	-37 11.2	124 52.4	1585.3	9.8	271	
12	12	1972	0.0	0200	-37 10.9	124 39.7	1595.5	9.8	271	
12	12	1972	0.0*	0246	-37 10.6	124 30.2	1603.0	9.5	269	
12	12	1972	0.0*	0328	-37 10.6	124 21.9	1609.7	9.9	269	
12	12	1972	0.0	0332	-37 10.6	124 21.1	1610.3	10.5	269	
12	12	1972	0.0	0355	-37 10.6	124 16.0	1614.4	10.2	318	
12	12	1972	0.0	0613	-36 53.2	123 56.3	1637.8	10.5	269	
12	12	1972	0.0	0637	-36 53.2	123 51.1	1642.0	10.5	253	
12	12	1972	0.0	0639	-36 53.3	123 50.6	1642.4	10.8	222	
12	12	1972	0.0	0652	-36 55.0	123 48.7	1644.7	9.4	318	
12	12	1972	0.0	0705	-36 53.5	123 47.0	1646.8	11.0	222	
12	12	1972	0.0	0759	-37 0.9	123 38.7	1656.6	7.7	264	
12	12	1972	0.0	0801	-37 0.9	123 38.4	1656.9	10.8	222	
12	12	1972	0.0*	0832	-37 5.0	123 33.7	1662.5	10.5	222	
12	12	1972	0.0*	0940	-37 13.8	123 23.6	1674.4	10.8	223	
12	12	1972	0.0	1020	-37 19.1	123 17.5	1681.6	10.3	270	
12	12	1972	0.0*	1128	-37 18.9	123 2.7	1693.3	10.9	270	
12	12	1972	0.0	1132	-37 18.9	123 1.8	1694.0	5.6	271	
12	12	1972	0.0	1140	-37 18.8	123 0.9	1694.7	0.2	25	START 31
12	12	1972	0.0	1539	-37 18.2	123 1.3	1695.5	4.8	271	END 31
12	12	1972	0.0	1554	-37 18.1	122 59.8	1696.7	11.2	270	
12	12	1972	0.0	1736	-37 17.9	122 35.9	1715.6	10.0	270	
12	12	1972	0.0	1932	-37 17.6	122 11.7	1734.9	9.6	225	
12	12	1972	0.0*	2032	-37 24.3	122 3.1	1744.6	9.8	222	
12	12	1972	0.0	2055	-37 27.1	121 59.8	1748.3	11.1	223	
12	12	1972	0.0	2117	-37 30.0	121 56.3	1752.4	10.4	178	
12	12	1972	0.0	2122	-37 30.9	121 56.4	1753.3	10.8	278	
12	12	1972	0.0	2319	-37 27.7	121 30.1	1774.3	11.2	350	
12	12	1972	0.0*	2324	-37 26.8	121 29.9	1775.3	10.4	350	
13	12	1972	0.0*	0008	-37 19.3	121 28.3	1782.9	11.5	351	
13	12	1972	0.0	0138	-37 2.2	121 25.1	1800.1	10.7	270	
13	12	1972	0.0	0157	-37 2.2	121 20.8	1803.5	10.8	178	
13	12	1972	0.0	0238	-37 9.6	121 21.1	1810.9	10.8	270	
13	12	1972	0.0	0309	-37 9.6	121 14.1	1816.5	10.7	300	
13	12	1972	0.0	0324	-37 8.2	121 11.2	1819.2	4.0	302	
13	12	1972	0.0	0336	-37 7.8	121 10.3	1820.0	2.1	172	
13	12	1972	0.0	0344	-37 8.1	121 10.4	1820.3	5.2	176	
13	12	1972	0.0	0409	-37 10.2	121 10.5	1822.4	0.3	83	START 32
13	12	1972	0.0*	0428	-37 10.2	121 10.6	1822.5	0.5	6	32
13	12	1972	0.0	0607	-37 9.4	121 10.8	1823.3	5.3	179	END 32
13	12	1972	0.0	0705	-37 14.5	121 10.8	1826.5	0.5	6	START 33
13	12	1972	0.0*	1030	-37 12.8	121 11.1	1830.2	0.5	16	33
13	12	1972	0.0*	1250	-37 11.7	121 11.5	1831.4	0.6	29	33
13	12	1972	0.0*	1626	-37 10.0	121 12.7	1833.4	0.7	57	33
13	12	1972	0.0	1900	-37 9.1	121 14.5	1835.1	5.0	223	END 33
13	12	1972	0.0	1919	-37 10.2	121 13.2	1836.7	8.6	224	
13	12	1972	0.0*	2042	-37 18.7	121 2.9	1848.5	8.5	226	
13	12	1972	0.0	2129	-37 23.4	120 56.8	1855.2	9.6	226	
13	12	1972	0.0*	2130	-37 23.5	120 56.7	1855.3	10.0	225	
13	12	1972	0.0	2330	-37 37.6	120 38.7	1875.4	9.8	225	
14	12	1972	0.0	0050	-37 46.8	120 27.0	1888.4	10.8	311	
14	12	1972	0.0*	0150	-37 39.6	120 16.8	1899.2	10.0	310	
14	12	1972	0.0*	0248	-37 33.3	120 7.6	1908.9	10.4	315	
14	12	1972	0.0	0256	-37 32.3	120 6.3	1910.2	5.3	321	
14	12	1972	0.0	0306	-37 31.6	120 5.6	1911.1	1.1	63	START 34
14	12	1972	0.0	0500	-37 30.7	120 8.0	1913.2	1.1	63	END 34
14	12	1972	0.0	0551	-37 30.3	120 9.0	1914.1	1.1	63	START 35
14	12	1972	0.0	0800	-37 29.2	120 11.7	1916.5	1.1	63	END 35
14	12	1972	0.0*	0842	-37 28.9	120 12.6	1917.3	1.5	59	
14	12	1972	0.0	0920	-37 28.4	120 13.6	1918.2	1.5	59	START 36
14	12	1972	0.0*	0934	-37 28.2	120 14.0	1918.6	1.6	67	36
14	12	1972	0.0*	1028	-37 27.7	120 15.7	1920.0	1.1	22	36
14	12	1972	0.0	1130	-37 26.6	120 16.2	1921.2	6.4	176	END 36
14	12	1972	0.0	1156	-37 29.4	120 16.5	1923.9	6.7	278	
14	12	1972	0.0	1200	-37 29.3	120 15.9	1924.4	6.4	279	
14	12	1972	0.0	1216	-37 29.0	120 13.8	1926.1	5.9	229	
14	12	1972	0.0	1238	-37 30.5	120 11.7	1928.2	8.5	227	

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.
14	12	1972	0.0	1313	-37 33.8	120 7.1	1933.2	9.3	177	
14	12	1972	0.0	1342	-37 38.3	120 7.4	1937.7	11.4	2	
14	12	1972	0.0*	1350	-37 36.7	120 7.4	1939.2	10.7	2	
14	12	1972	0.0	1354	-37 36.0	120 7.5	1939.9	8.3	251	
14	12	1972	0.0	1401	-37 36.3	120 6.3	1940.9	1.2	172	
14	12	1972	0.0	1412	-37 36.6	120 6.4	1941.1	4.6	6	
14	12	1972	0.0	1424	-37 35.6	120 6.5	1942.0	4.3	206	
14	12	1972	0.0	1431	-37 36.1	120 6.2	1942.5	6.5	207	
14	12	1972	0.0	1439	-37 36.9	120 5.7	1943.4	9.5	208	
14	12	1972	0.0	1537	-37 44.9	120 0.2	1952.5	5.1	207	
14	12	1972	0.0	1545	-37 45.5	119 59.8	1953.2	9.0	208	
14	12	1972	0.0	1605	-37 48.2	119 58.0	1956.2	7.9	261	
14	12	1972	0.0	1609	-37 48.3	119 57.3	1956.8	4.7	263	
14	12	1972	0.0	1624	-37 48.4	119 55.9	1957.9	6.8	261	
14	12	1972	0.0	1644	-37 48.8	119 52.2	1960.9	10.0	318	
14	12	1972	0.0	1733	-37 42.7	119 45.3	1969.1	7.5	319	
14	12	1972	0.0	1804	-37 39.7	119 42.1	1973.0	8.9	318	
14	12	1972	0.0	1821	-37 37.8	119 40.0	1975.5	7.1	224	
14	12	1972	0.0	2023	-37 48.3	119 27.3	1990.0	7.9	186	
14	12	1972	0.0*	2040	-37 50.5	119 26.9	1992.2	7.8	185	
14	12	1972	0.0	2129	-37 56.8	119 26.2	1998.6	8.4	304	
14	12	1972	0.0*	2230	-37 52.0	119 17.4	2007.1	8.3	306	
14	12	1972	0.0	2300	-37 49.5	119 13.2	2011.2	8.5	306	
15	12	1972	0.0	0040	-37 41.1	118 58.6	2025.5	8.5	173	
15	12	1972	0.0*	0104	-37 44.5	118 59.1	2028.9	8.7	176	
15	12	1972	0.0	0128	-37 47.9	118 59.4	2032.3	8.0	196	
15	12	1972	0.0	0130	-37 48.2	118 59.3	2032.6	8.8	176	
15	12	1972	0.0	0135	-37 48.9	118 59.4	2033.3	5.1	173	
15	12	1972	0.0	0151	-37 50.3	118 59.6	2034.7	0.6	65	START 37
15	12	1972	0.0*	0342	-37 49.8	119 0.9	2035.8	0.7	90	37
15	12	1972	0.0	0454	-37 49.8	119 2.0	2036.7	8.0	221	END 37
15	12	1972	0.0	0500	-37 50.4	119 1.3	2037.5	9.1	318	
15	12	1972	0.0*	0526	-37 47.4	118 58.0	2041.4	9.6	319	
15	12	1972	0.0	0530	-37 46.9	118 57.4	2042.1	7.7	224	
15	12	1972	0.0	0534	-37 47.3	118 57.0	2042.6	7.9	273	
15	12	1972	0.0	0546	-37 47.2	118 55.0	2044.2	7.7	224	
15	12	1972	0.0	0552	-37 47.7	118 54.3	2044.9	3.7	224	
15	12	1972	0.0	0606	-37 48.4	118 53.5	2045.8	7.9	224	
15	12	1972	0.0	0737	-37 56.9	118 42.8	2057.8	8.8	186	
15	12	1972	0.0	0913	-38 10.9	118 40.7	2071.9	3.8	182	
15	12	1972	0.0	0922	-38 11.4	118 40.6	2072.4	5.8	264	
15	12	1972	0.0	0929	-38 11.5	118 39.8	2073.1	0.8	47	START 38
15	12	1972	0.0*	1126	-38 10.5	118 41.2	2074.6	0.7	89	38
15	12	1972	0.0*	1542	-38 10.4	118 45.0	2077.6	0.8	79	38
15	12	1972	0.0	1630	-38 10.3	118 45.8	2078.2	9.4	334	END 38
15	12	1972	0.0	1637	-38 9.3	118 45.2	2079.3	4.0	340	
15	12	1972	0.0	1649	-38 8.6	118 44.9	2080.1	4.0	179	
15	12	1972	0.0	1712	-38 10.1	118 44.9	2081.7	5.4	18	
15	12	1972	0.0	1722	-38 9.2	118 45.2	2082.6	0.8	79	START 39
15	12	1972	0.0*	2138	-38 8.6	118 49.5	2086.0	0.9	34	39
15	12	1972	0.0	2227	-38 8.0	118 50.1	2086.7	4.0	184	END 39
15	12	1972	0.0	2255	-38 9.8	118 49.9	2088.6	5.9	186	
15	12	1972	0.0	2333	-38 13.5	118 49.4	2092.3	8.4	187	
16	12	1972	0.0	0011	-38 18.8	118 48.5	2097.6	6.3	358	
16	12	1972	0.0	0013	-38 18.6	118 48.5	2097.9	6.5	13	
16	12	1972	0.0	0017	-38 18.2	118 48.6	2098.3	6.5	28	
16	12	1972	0.0	0023	-38 17.6	118 49.0	2098.9	5.4	329	
16	12	1972	0.0	0043	-38 16.0	118 47.8	2100.7	10.5	324	
16	12	1972	0.0*	0108	-38 12.5	118 44.6	2105.1	10.6	321	
16	12	1972	0.0	0124	-38 10.3	118 42.4	2107.9	9.1	227	
16	12	1972	0.0	0139	-38 11.8	118 40.3	2110.2	8.5	273	
16	12	1972	0.0	0145	-38 11.8	118 39.2	2111.0	8.6	227	
16	12	1972	0.0	0152	-38 12.4	118 38.3	2112.0	8.6	190	
16	12	1972	0.0	0157	-38 13.1	118 38.1	2112.8	10.4	316	
16	12	1972	0.0*	0200	-38 12.8	118 37.6	2113.3	10.1	316	
16	12	1972	0.0	0225	-38 9.7	118 33.9	2117.5	11.2	89	
16	12	1972	0.0	0245	-38 9.7	118 38.7	2121.2	10.8	133	
16	12	1972	0.0	0307	-38 12.4	118 42.3	2125.1	5.1	317	
16	12	1972	0.0	0328	-38 11.1	118 40.8	2126.9	5.7	132	
16	12	1972	0.0	0335	-38 11.6	118 41.4	2127.6	0.2	48	START 40

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.	
16	12	1972	0.0*	0624	-38 11.2	118 41.9	2128.2	0.1	77		40
16	12	1972	0.0	0840	-38 11.2	118 42.1	2128.3	5.0	280	END	40
16	12	1972	0.0	0910	-38 10.7	118 39.0	2130.9	8.4	280		
16	12	1972	0.0*	0932	-38 10.2	118 35.2	2133.9	8.3	280		
16	12	1972	0.0*	1036	-38 8.6	118 24.1	2142.8	7.9	280		
16	12	1972	0.0	1048	-38 8.3	118 22.1	2144.4	9.1	280		
16	12	1972	0.0*	1218	-38 5.8	118 5.0	2158.1	9.1	283		
16	12	1972	0.0	1231	-38 5.4	118 2.5	2160.0	9.2	197		
16	12	1972	0.0*	1404	-38 19.0	117 57.1	2174.3	9.7	199		
16	12	1972	0.0	1411	-38 20.1	117 56.7	2175.5	10.4	301		
16	12	1972	0.0	1539	-38 12.1	117 40.0	2190.8	9.7	224		
16	12	1972	0.0*	1548	-38 13.2	117 38.7	2192.2	9.1	223		
16	12	1972	0.0	1605	-38 15.0	117 36.4	2194.8	9.0	283		
16	12	1972	0.0	1620	-38 14.5	117 33.6	2197.1	10.3	314		
16	12	1972	0.0	1646	-38 11.4	117 29.6	2201.5	9.8	185		
16	12	1972	0.0	1746	-38 21.2	117 28.4	2211.3	9.5	272		
16	12	1972	0.0	1916	-38 20.6	117 10.3	2225.5	9.5	185		
16	12	1972	0.0	1929	-38 22.6	117 10.1	2227.6	10.5	319		
16	12	1972	0.0	2046	-38 12.3	116 58.9	2241.1	9.2	239		
16	12	1972	0.0*	2128	-38 15.6	116 51.9	2247.5	9.9	239		
16	12	1972	0.0	2144	-38 16.9	116 49.0	2250.2	9.6	280		
16	12	1972	0.0	2155	-38 16.6	116 46.8	2251.9	10.4	315		
16	12	1972	0.0	2259	-38 8.6	116 37.0	2263.0	10.2	224		
16	12	1972	0.0*	2316	-38 10.7	116 34.4	2265.9	10.0	221		
16	12	1972	0.0	2351	-38 15.0	116 29.4	2271.7	10.1	317		
17	12	1972	0.0	0000	-38 13.9	116 28.1	2273.2	10.0	221		
17	12	1972	0.0	0026	-38 17.1	116 24.4	2277.5	10.0	317		
17	12	1972	0.0	0200	-38 5.5	116 11.0	2293.3	10.0	317		
17	12	1972	0.0*	0202	-38 5.2	116 10.7	2293.6	10.0	318		
17	12	1972	0.0	0310	-37 56.8	116 1.1	2304.9	11.0	185		
17	12	1972	0.0*	0350	-38 4.1	116 0.2	2312.2	10.8	184		
17	12	1972	0.0	0441	-38 13.3	115 59.2	2321.5	10.0	319		
17	12	1972	0.0*	0536	-38 6.3	115 51.7	2330.6	10.0	319		
17	12	1972	0.0	0550	-38 4.5	115 49.8	2333.0	10.4	319		
17	12	1972	0.0	0731	-37 51.2	115 35.3	2350.5	10.8	184		
17	12	1972	0.0	1002	-38 18.2	115 32.5	2377.6	9.4	319		
17	12	1972	0.0	1030	-38 14.8	115 28.9	2382.0	10.7	355		
17	12	1972	0.0*	1136	-38 3.1	115 27.8	2393.8	10.1	352		
17	12	1972	0.0	1230	-37 54.1	115 26.3	2402.9	10.2	352		
17	12	1972	0.0	1415	-37 36.3	115 23.4	2420.8	6.3	165		
17	12	1972	0.0	1442	-37 39.1	115 24.3	2423.6	0.8	134	START	41
17	12	1972	0.0*	1458	-37 39.2	115 24.5	2423.9	0.5	190		41
17	12	1972	0.0	1717	-37 40.4	115 24.2	2425.0	0.5	192	END	41
17	12	1972	0.0	1718	-37 40.4	115 24.2	2425.1	0.5	190	START	42
17	12	1972	0.0*	2036	-37 42.1	115 23.8	2426.7	0.6	174		42
17	12	1972	0.0	2134	-37 42.7	115 23.9	2427.4	0.6	174	END	42
17	12	1972	0.0	2135	-37 42.7	115 23.9	2427.4	0.6	174	START	43
17	12	1972	0.0*	2336	-37 43.9	115 24.1	2428.6	0.6	151		43
18	12	1972	0.0	0120	-37 44.9	115 24.7	2429.7	4.0	262	END	43
18	12	1972	0.0	0141	-37 45.1	115 22.9	2431.1	8.8	266		
18	12	1972	0.0	0241	-37 45.6	115 11.9	2439.9	9.3	221		
18	12	1972	0.0*	0258	-37 47.5	115 9.7	2442.5	9.1	220		
18	12	1972	0.0	0337	-37 52.0	115 4.9	2448.4	8.2	266		
18	12	1972	0.0	0348	-37 52.1	115 3.0	2449.9	9.3	315		
18	12	1972	0.0	0425	-37 48.0	114 57.8	2455.6	8.0	266		
18	12	1972	0.0	0454	-37 48.3	114 52.9	2459.5	3.2	267		
18	12	1972	0.0	0515	-37 48.3	114 51.5	2460.6	1.0	24		
18	12	1972	0.0	0523	-37 48.2	114 51.6	2460.8	4.5	269		
18	12	1972	0.0	0543	-37 48.2	114 49.7	2462.3	4.1	251		
18	12	1972	0.0	0548	-37 48.3	114 49.3	2462.6	4.8	264		
18	12	1972	0.0	0606	-37 48.5	114 47.4	2464.1	8.1	266		
18	12	1972	0.0	0732	-37 49.2	114 32.8	2475.6	3.5	261		
18	12	1972	0.0	0739	-37 49.3	114 32.3	2476.0	7.5	266		
18	12	1972	0.0	0746	-37 49.3	114 31.2	2476.9	9.9	92		
18	12	1972	0.0	0755	-37 49.4	114 33.1	2478.4	9.7	125		
18	12	1972	0.0	0810	-37 50.8	114 35.6	2480.8	0.7	132	START	44
18	12	1972	0.0*	0900	-37 51.2	114 36.2	2481.4	0.8	136		44
18	12	1972	0.0	1341	-37 53.9	114 39.3	2485.1	8.1	135	END	44
18	12	1972	0.0	1351	-37 54.9	114 40.6	2486.5	7.9	3		
18	12	1972	0.0	1357	-37 54.1	114 40.6	2487.3	5.5	264		

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION NO.	
18	12	1972	0.0*	1410	-37 54.2	114 39.1	2488.4	5.7	265		
18	12	1972	0.0	1413	-37 54.2	114 38.8	2488.7	7.5	2		
18	12	1972	0.0	1418	-37 53.6	114 38.8	2489.4	6.7	49		
18	12	1972	0.0	1423	-37 53.2	114 39.3	2489.9	8.3	178		
18	12	1972	0.0	1443	-37 56.0	114 39.4	2492.7	8.3	93		
18	12	1972	0.0	1455	-37 56.1	114 41.5	2494.3	6.1	314		
18	12	1972	0.0	1531	-37 53.6	114 38.2	2498.0	5.0	265		
18	12	1972	0.0	1547	-37 53.7	114 36.5	2499.3	8.7	267		
18	12	1972	0.0	1622	-37 53.9	114 30.1	2504.4	3.1	262		
18	12	1972	0.0	1632	-37 54.0	114 29.4	2504.9	0.5	146	START	45
18	12	1972	0.0*	1832	-37 54.8	114 30.2	2506.0	0.4	125		45
18	12	1972	0.0	1912	-37 55.0	114 30.5	2506.3	7.1	267	END	45
18	12	1972	0.0	2045	-37 55.4	114 16.5	2517.3	6.8	267		
18	12	1972	0.0	2208	-37 55.8	114 4.5	2526.8	8.4	2		
18	12	1972	0.0	2225	-37 53.4	114 4.7	2529.1	10.4	2		
18	12	1972	0.0*	2246	-37 49.8	114 4.8	2532.8	10.1	3		
19	12	1972	0.0*	0020	-37 34.0	114 6.1	2548.6	10.1	2		
19	12	1972	0.0	0030	-37 32.3	114 6.2	2550.3	10.1	2		
19	12	1972	0.0	0200	-37 17.1	114 6.8	2565.5	10.1	2		
19	12	1972	0.0*	0204	-37 16.4	114 6.8	2566.2	10.4	2		
19	12	1972	0.0	0330	-37 1.6	114 7.6	2581.0	9.2	268		
19	12	1972	0.0	0347	-37 1.7	114 4.3	2583.6	8.8	257		
19	12	1972	0.0*	0358	-37 2.0	114 2.4	2585.2	8.7	260		
19	12	1972	0.0	0408	-37 2.3	114 0.6	2586.7	8.5	255		
19	12	1972	0.0	0415	-37 2.5	113 59.4	2587.7	8.9	224		
19	12	1972	0.0	0446	-37 5.8	113 55.4	2592.3	9.4	302		
19	12	1972	0.0	0520	-37 3.0	113 49.7	2597.6	10.7	178		
19	12	1972	0.0*	0544	-37 7.3	113 49.9	2601.9	10.4	174		
19	12	1972	0.0	0729	-37 25.4	113 52.0	2620.1	8.4	321		
19	12	1972	0.0	0818	-37 20.0	113 46.7	2626.9	8.5	6		
19	12	1972	0.0	0842	-37 16.7	113 47.1	2630.3	7.1	222		
19	12	1972	0.0	0938	-37 21.5	113 41.6	2636.9	5.1	304		
19	12	1972	0.0	0942	-37 21.3	113 41.2	2637.3	6.6	222		
19	12	1972	0.0	1113	-37 28.8	113 32.7	2647.3	5.5	325		
19	12	1972	0.0	1156	-37 25.5	113 29.9	2651.3	4.8	281		
19	12	1972	0.0	1159	-37 25.5	113 29.6	2651.5	6.3	324		
19	12	1972	0.0	1236	-37 22.3	113 26.7	2655.4	6.9	222		
19	12	1972	0.0*	1320	-37 26.1	113 22.4	2660.5	6.8	222		
19	12	1972	0.0	1441	-37 32.8	113 14.6	2669.6	9.1	6		
19	12	1972	0.0	1509	-37 28.5	113 15.2	2673.9	10.7	128		
19	12	1972	0.0	1534	-37 31.3	113 19.6	2678.3	6.2	275		
19	12	1972	0.0	1701	-37 30.4	113 8.2	2687.4	8.9	173		
19	12	1972	0.0*	1742	-37 36.5	113 9.1	2693.5	9.7	179		
19	12	1972	0.0	1749	-37 37.6	113 9.1	2694.6	7.7	268		
19	12	1972	0.0	1832	-37 37.8	113 2.1	2700.1	9.2	340		
19	12	1972	0.0	2030	-37 20.7	112 54.3	2718.2	9.4	340		
19	12	1972	0.0	2220	-37 4.5	112 46.9	2735.5	11.2	340		
20	12	1972	0.0	0000	-36 47.0	112 38.9	2754.1	11.2	340		
20	12	1972	0.0	0111	-36 34.5	112 33.3	2767.5	8.3	340		
20	12	1972	0.0*	0116	-36 33.8	112 33.0	2768.1	8.4	339		
20	12	1972	0.0	0117	-36 33.7	112 32.9	2768.3	5.6	339		
20	12	1972	0.0	0128	-36 32.7	112 32.5	2769.3	7.3	224		
20	12	1972	0.0	0135	-36 33.3	112 31.7	2770.2	10.0	224		
20	12	1972	0.0	0212	-36 37.7	112 26.3	2776.3	5.2	224		
20	12	1972	0.0	0224	-36 38.4	112 25.4	2777.4	8.4	224		
20	12	1972	0.0	0245	-36 40.5	112 22.8	2780.3	0.1	208	START	46
20	12	1972	0.0*	0300	-36 40.5	112 22.8	2780.3	0.6	157		46
20	12	1972	0.0*	0408	-36 41.2	112 23.1	2781.0	0.8	97		46
20	12	1972	0.0	0519	-36 41.3	112 24.2	2781.9	0.7	98	END	46
20	12	1972	0.0	0520	-36 41.3	112 24.3	2781.9	0.8	97	START	47
20	12	1972	0.0	0856	-36 41.7	112 27.6	2784.6	6.4	291	END	47
20	12	1972	0.0*	0926	-36 40.5	112 23.9	2787.8	6.2	267		
20	12	1972	0.0	0946	-36 40.6	112 21.3	2789.9	5.8	291		
20	12	1972	0.0	0950	-36 40.5	112 20.9	2790.3	4.5	266		
20	12	1972	0.0	0953	-36 40.5	112 20.6	2790.5	1.2	104	START	48
20	12	1972	0.0*	1056	-36 40.8	112 22.1	2791.8	1.1	71		48
20	12	1972	0.0*	1226	-36 40.3	112 24.1	2793.5	1.3	67		48
20	12	1972	0.0	1312	-36 39.9	112 25.3	2794.5	5.6	275	END	48
20	12	1972	0.0	1337	-36 39.7	112 22.4	2796.8	6.3	309		
20	12	1972	0.0	1353	-36 38.6	112 20.8	2798.5	7.3	273		

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION	NO.
20	12	1972	0.0*	1412	-36 38.5	112 17.9	2800.8	7.4	270		
20	12	1972	0.0	1434	-36 38.4	112 14.5	2803.5	1.2	85	START	49
20	12	1972	0.0*	1608	-36 38.3	112 16.8	2805.4	0.5	65		49
20	12	1972	0.0	1836	-36 37.7	112 18.3	2806.7	7.6	3	END	49
20	12	1972	0.0*	1842	-36 37.0	112 18.4	2807.4	7.2	2		
20	12	1972	0.0	1846	-36 36.5	112 18.4	2807.9	4.8	176		
20	12	1972	0.0	1852	-36 37.0	112 18.4	2808.4	0.3	113	START	50
20	12	1972	0.0*	2120	-36 37.3	112 19.3	2809.2	0.8	219		50
20	12	1972	0.0*	2256	-36 38.3	112 18.3	2810.5	0.9	140		50
21	12	1972	0.0	0025	-36 39.3	112 19.3	2811.8	4.9	262	END	50
21	12	1972	0.0	0050	-36 39.6	112 16.8	2813.9	9.1	265		
21	12	1972	0.0	0121	-36 40.0	112 10.9	2818.6	9.5	309		
21	12	1972	0.0	0127	-36 39.4	112 10.0	2819.5	9.1	265		
21	12	1972	0.0	0137	-36 39.5	112 8.1	2821.0	9.6	234		
21	12	1972	0.0	0330	-36 49.9	111 49.6	2839.2	10.0	235		
21	12	1972	0.0*	0408	-36 53.5	111 43.1	2845.5	10.1	233		
21	12	1972	0.0	0503	-36 59.1	111 33.8	2854.8	9.6	296		
21	12	1972	0.0	0536	-36 56.7	111 27.9	2860.0	10.3	341		
21	12	1972	0.0*	0554	-36 53.8	111 26.7	2863.1	10.5	344		
21	12	1972	0.0	0707	-36 41.5	111 22.4	2875.9	9.3	255		
21	12	1972	0.0	0729	-36 42.3	111 18.3	2879.3	11.5	184		
21	12	1972	0.0	0814	-36 50.9	111 17.5	2888.0	9.0	266		
21	12	1972	0.0	0828	-36 51.1	111 14.8	2890.1	11.6	50		
21	12	1972	0.0	0830	-36 50.8	111 15.2	2890.4	11.0	5		
21	12	1972	0.0	0856	-36 46.1	111 15.8	2895.2	9.4	288		
21	12	1972	0.0*	1008	-36 42.5	111 2.4	2906.5	9.3	291		
21	12	1972	0.0	1030	-36 41.2	110 58.5	2909.9	9.2	291		
21	12	1972	0.0	1138	-36 37.4	110 46.4	2920.3	8.5	245		
21	12	1972	0.0	1145	-36 37.8	110 45.3	2921.3	9.2	257		
21	12	1972	0.0*	1154	-36 38.1	110 43.6	2922.7	9.3	257		
21	12	1972	0.0	1255	-36 40.1	110 32.1	2932.1	11.5	173		
21	12	1972	0.0	1301	-36 41.2	110 32.3	2933.3	9.9	319		
21	12	1972	0.0*	1320	-36 38.9	110 29.7	2936.4	10.3	319		
21	12	1972	0.0	1353	-36 34.5	110 25.2	2942.1	9.2	260		
21	12	1972	0.0	1410	-36 34.9	110 22.0	2944.7	7.8	260		
21	12	1972	0.0*	1518	-36 36.4	110 11.0	2953.6	8.0	259		
21	12	1972	0.0	1551	-36 37.2	110 5.7	2958.0	7.9	237		
21	12	1972	0.0	1639	-36 40.6	109 59.1	2964.2	2.3	230		
21	12	1972	0.0	1648	-36 40.8	109 58.8	2964.6	0.9	83	START	51
21	12	1972	0.0*	1752	-36 40.7	109 60.0	2965.6	0.9	99		51
21	12	1972	0.0*	2020	-36 41.1	110 2.9	2967.9	0.7	89		51
21	12	1972	0.0*	2214	-36 41.1	110 4.5	2969.2	1.4	46		51
21	12	1972	0.0	2227	-36 40.9	110 4.8	2969.5	1.4	46	END	51
21	12	1972	0.0	2228	-36 40.8	110 4.8	2969.6	1.4	46	START	52
22	12	1972	0.0*	0000	-36 39.3	110 6.8	2971.8	1.3	48		52
22	12	1972	0.0	0004	-36 39.3	110 6.9	2971.8	0.1	339		52
22	12	1972	0.0	0036	-36 39.2	110 6.9	2971.9	1.3	48		52
22	12	1972	0.0	0157	-36 38.1	110 8.5	2973.6	5.8	248	END	52
22	12	1972	0.0	0227	-36 39.2	110 5.1	2976.5	6.8	259		
22	12	1972	0.0*	0232	-36 39.3	110 4.4	2977.0	7.2	262		
22	12	1972	0.0	0237	-36 39.3	110 3.7	2977.6	6.1	229		
22	12	1972	0.0	0244	-36 39.8	110 3.0	2978.4	7.0	279		
22	12	1972	0.0	0307	-36 39.4	109 59.7	2981.0	5.6	229		
22	12	1972	0.0	0317	-36 40.0	109 58.8	2982.0	9.5	29		
22	12	1972	0.0	0332	-36 37.9	110 0.3	2984.4	7.1	279		
22	12	1972	0.0	0341	-36 37.7	109 58.9	2985.4	11.0	2		
22	12	1972	0.0	0345	-36 37.0	109 59.0	2986.2	9.0	277		
22	12	1972	0.0	0348	-36 36.9	109 58.4	2986.6	8.3	176		
22	12	1972	0.0	0400	-36 38.6	109 58.5	2988.3	9.6	128		
22	12	1972	0.0*	0420	-36 40.6	110 1.7	2991.5	9.8	130		
22	12	1972	0.0	0426	-36 41.2	110 2.6	2992.4	6.8	187		
22	12	1972	0.0	0429	-36 41.5	110 2.5	2992.8	9.0	320		
22	12	1972	0.0	0440	-36 40.3	110 1.2	2994.4	4.8	324		
22	12	1972	0.0	0450	-36 39.6	110 0.7	2995.2	0.8	30	START	53
22	12	1972	0.0	0549	-36 38.9	110 1.2	2996.0	1.5	121		53
22	12	1972	0.0	0618	-36 39.3	110 2.0	2996.8	1.3	161		53
22	12	1972	0.0	0658	-36 40.2	110 2.3	2997.7	0.8	189		53
22	12	1972	0.0	0722	-36 40.5	110 2.3	2998.0	0.5	234		53
22	12	1972	0.0	0739	-36 40.6	110 2.1	2998.1	0.3	315		53
22	12	1972	0.0	0753	-36 40.5	110 2.0	2998.2	0.8	30		53

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION	NO.
22	12	1972	0.0	0822	-36 40.2	110 2.3	2998.6	3.5	116		53
22	12	1972	0.0	0830	-36 40.4	110 2.8	2999.1	1.7	118		53
22	12	1972	0.0	0842	-36 40.6	110 3.2	2999.4	2.5	170		53
22	12	1972	0.0	0851	-36 40.9	110 3.3	2999.8	2.4	203		53
22	12	1972	0.0	0858	-36 41.2	110 3.1	3000.1	2.0	223		53
22	12	1972	0.0	0908	-36 41.4	110 2.9	3000.4	1.1	261		53
22	12	1972	0.0	0944	-36 41.5	110 2.1	3001.1	0.8	31		53
22	12	1972	0.0*	1108	-36 40.5	110 2.8	3002.2	0.6	66		53
22	12	1972	0.0	1205	-36 40.3	110 3.5	3002.8	9.2	318	END	53
22	12	1972	0.0	1220	-36 38.6	110 1.6	3005.1	8.7	223		
22	12	1972	0.0*	1230	-36 39.6	110 0.4	3006.6	8.9	221		
22	12	1972	0.0	1234	-36 40.1	109 59.9	3007.2	9.0	317		
22	12	1972	0.0	1247	-36 38.6	109 58.3	3009.1	9.5	201		
22	12	1972	0.0	1254	-36 39.7	109 57.8	3010.2	8.2	269		
22	12	1972	0.0	1301	-36 39.7	109 56.6	3011.2	8.6	175		
22	12	1972	0.0	1311	-36 41.1	109 56.7	3012.6	9.2	343		
22	12	1972	0.0	1327	-36 38.7	109 55.8	3015.1	11.2	90		
22	12	1972	0.0	1334	-36 38.7	109 57.5	3016.4	9.5	175		
22	12	1972	0.0	1346	-36 40.7	109 57.6	3018.3	9.9	90		
22	12	1972	0.0	1357	-36 40.7	109 59.9	3020.1	9.7	4		
22	12	1972	0.0	1438	-36 34.1	110 0.5	3026.7	0.7	99	START	54
22	12	1972	0.0*	1620	-36 34.3	110 1.9	3027.9	0.8	79		54
22	12	1972	0.0	1833	-36 33.9	110 4.1	3029.7	7.3	48	END	54
22	12	1972	0.0	1845	-36 33.0	110 5.4	3031.1	10.4	47		
22	12	1972	0.0*	1852	-36 32.1	110 6.6	3032.3	10.2	46		
22	12	1972	0.0	1903	-36 30.9	110 8.3	3034.2	9.1	89		
22	12	1972	0.0	1911	-36 30.8	110 9.8	3035.4	5.3	88		
22	12	1972	0.0	1940	-36 30.8	110 12.9	3037.9	3.3	236		
22	12	1972	0.0	2013	-36 31.8	110 11.0	3039.8	6.2	88		
22	12	1972	0.0	2028	-36 31.7	110 13.0	3041.3	5.5	173		
22	12	1972	0.0	2036	-36 32.5	110 13.1	3042.1	6.7	5		
22	12	1972	0.0	2107	-36 29.0	110 13.4	3045.6	5.9	174		
22	12	1972	0.0*	2120	-36 30.3	110 13.6	3046.8	5.7	179		
22	12	1972	0.0	2122	-36 30.5	110 13.6	3047.0	0.3	3	START	55
22	12	1972	0.0	2317	-36 29.9	110 13.6	3047.6	7.2	179	END	55
22	12	1972	0.0	2332	-36 31.7	110 13.7	3049.4	0.3	3	START	56
23	12	1972	0.0*	0028	-36 31.4	110 13.7	3049.7	0.6	308		56
23	12	1972	0.0	0046	-36 31.3	110 13.5	3049.9	2.4	349		56
23	12	1972	0.0	0117	-36 30.0	110 13.2	3051.1	0.6	308		56
23	12	1972	0.0*	0214	-36 29.7	110 12.7	3051.7	0.4	227		56
23	12	1972	0.0*	0414	-36 30.2	110 12.0	3052.5	0.7	206		56
23	12	1972	0.0	0502	-36 30.8	110 11.7	3053.0	4.4	355		56
23	12	1972	0.0	0531	-36 28.6	110 11.5	3055.2	0.7	206		56
23	12	1972	0.0*	0602	-36 29.0	110 11.3	3055.6	0.4	107		56
23	12	1972	0.0	0825	-36 29.3	110 12.5	3056.5	8.1	269	END	56
23	12	1972	0.0	0845	-36 29.3	110 9.1	3059.2	10.2	269		
23	12	1972	0.0	0853	-36 29.3	110 7.4	3060.6	10.1	316		
23	12	1972	0.0	0900	-36 28.5	110 6.4	3061.8	11.0	2		
23	12	1972	0.0	0931	-36 22.8	110 6.7	3067.4	9.0	269		
23	12	1972	0.0	0934	-36 22.8	110 6.1	3067.9	11.1	223		
23	12	1972	0.0	1002	-36 26.6	110 1.7	3073.1	10.7	177		
23	12	1972	0.0	1010	-36 28.0	110 1.8	3074.5	6.7	3		
23	12	1972	0.0	1020	-36 26.9	110 1.9	3075.6	0.4	107	START	57
23	12	1972	0.0	1308	-36 27.3	110 3.3	3076.8	5.2	175	END	57
23	12	1972	0.0	1318	-36 28.1	110 3.3	3077.6	5.3	247		
23	12	1972	0.0	1321	-36 28.2	110 3.0	3077.9	4.5	5		
23	12	1972	0.0	1338	-36 26.9	110 3.2	3079.2	0.4	107	START	58
23	12	1972	0.0*	1342	-36 26.9	110 3.2	3079.2	0.5	69		58
23	12	1972	0.0*	1512	-36 26.7	110 4.1	3080.0	1.9	72		58
23	12	1972	0.0*	1616	-36 26.1	110 6.4	3082.0	0.9	53		58
23	12	1972	0.0	1631	-36 26.0	110 6.7	3082.2	6.0	323	END	58
23	12	1972	0.0	1644	-36 24.9	110 5.7	3083.5	8.6	320		
23	12	1972	0.0	1853	-36 10.6	109 51.2	3102.0	4.3	326		
23	12	1972	0.0	1902	-36 10.0	109 50.7	3102.6	0.9	54	START	59
23	12	1972	0.0*	2026	-36 9.3	109 52.0	3103.9	0.4	114		59
23	12	1972	0.0*	2206	-36 9.6	109 52.8	3104.6	0.7	106		59
23	12	1972	0.0	2225	-36 9.7	109 53.1	3104.8	5.9	6	END	59
23	12	1972	0.0	2239	-36 8.3	109 53.2	3106.2	9.3	4		
24	12	1972	0.0	0102	-35 46.2	109 55.2	3128.3	5.1	7		
24	12	1972	0.0*	0122	-35 44.5	109 55.4	3130.0	5.4	2		

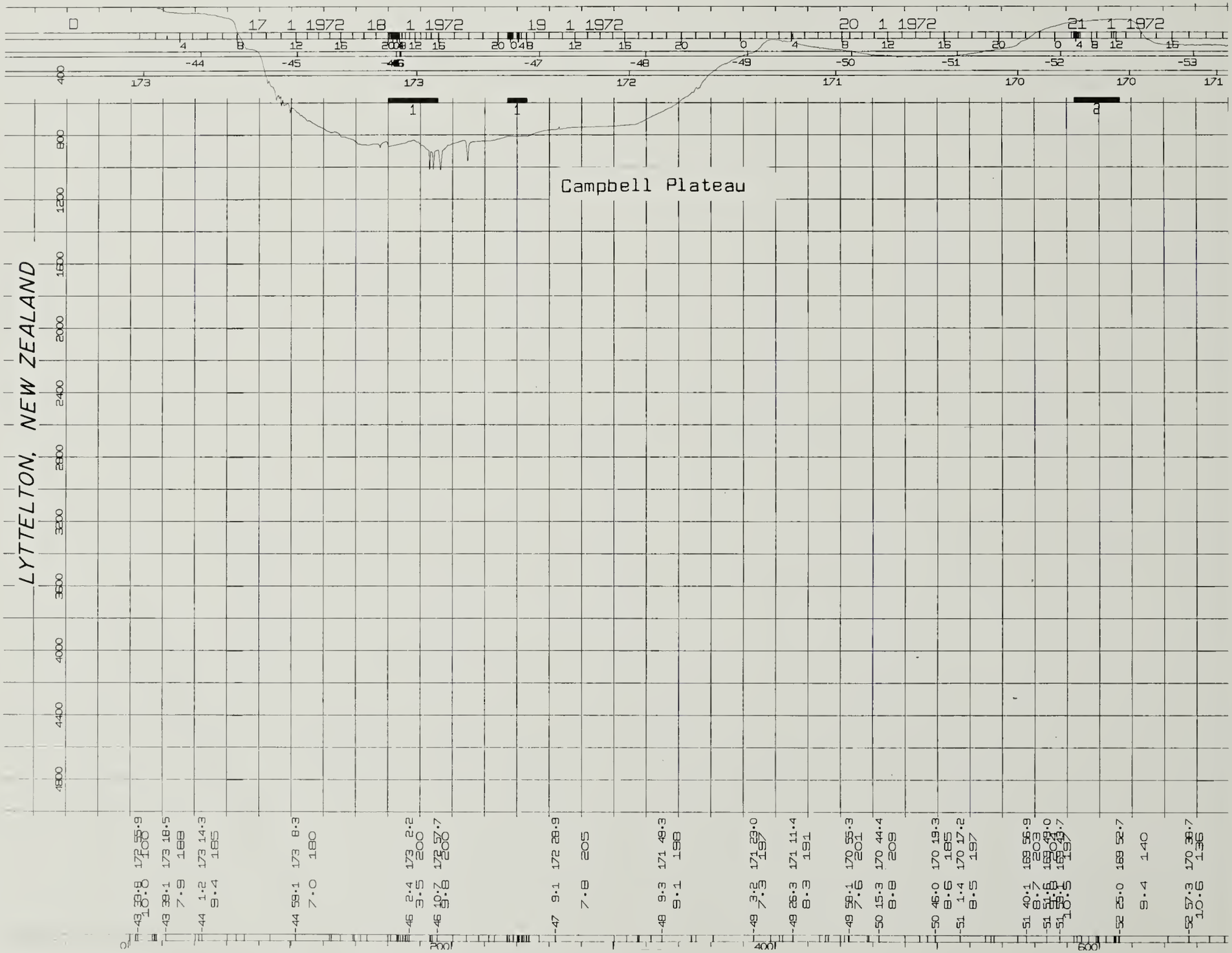
DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION	NO.
24	12	1972	0.0	0131	-35 43.7	109 55.5	3130.9	0.3	64	START	60
24	12	1972	0.0	*0308	-35 43.5	109 56.0	3131.3	0.6	67		60
24	12	1972	0.0	0522	-35 43.0	109 57.6	3132.7	6.5	4	END	60
24	12	1972	0.0	0532	-35 41.9	109 57.7	3133.8	11.5	2		
24	12	1972	0.0	0548	-35 38.8	109 57.8	3136.8	9.1	3		
24	12	1972	0.0	0654	-35 28.8	109 58.0	3146.9	9.3	348		
24	12	1972	0.0	0734	-35 22.7	109 57.1	3153.1	8.4	160		
24	12	1972	0.0	0752	-35 25.1	109 58.1	3155.6	5.2	158		
24	12	1972	0.0	0800	-35 26.2	109 58.7	3156.8	4.9	158		
24	12	1972	0.0	0814	-35 26.8	109 59.0	3157.5	0.6	67	START	61
24	12	1972	0.0	*0918	-35 26.6	109 59.7	3158.1	0.4	94		61
24	12	1972	0.0	*1114	-35 26.6	110 0.7	3158.9	0.4	109		61
24	12	1972	0.0	1300	-35 26.9	110 1.6	3159.7	6.4	343	END	61
24	12	1972	0.0	1311	-35 25.8	110 1.2	3160.9	10.0	342		
24	12	1972	0.0	1345	-35 20.4	109 59.0	3166.5	8.5	342		
24	12	1972	0.0	*1422	-35 15.4	109 57.1	3171.7	8.4	344		
24	12	1972	0.0	*1528	-35 6.5	109 54.0	3181.0	8.7	344		
24	12	1972	0.0	1622	-34 59.0	109 51.4	3188.8	4.2	348		
24	12	1972	0.0	1630	-34 58.4	109 51.2	3189.4	0.6	72	START	62
24	12	1972	0.0	*1710	-34 58.3	109 51.7	3189.8	1.1	134		62
24	12	1972	0.0	*1902	-34 59.8	109 53.6	3191.9	0.6	226		62
24	12	1972	0.0	2013	-35 0.3	109 52.9	3192.6	5.6	345	END	62
24	12	1972	0.0	2032	-34 58.5	109 52.4	3194.4	9.8	347		
24	12	1972	0.0	*2116	-34 51.5	109 50.4	3201.6	9.8	346		
24	12	1972	0.0	2142	-34 47.4	109 49.2	3205.9	7.7	230		
24	12	1972	0.0	2146	-34 47.7	109 48.8	3206.4	9.4	346		
24	12	1972	0.0	2157	-34 46.0	109 48.3	3208.1	9.5	71		
24	12	1972	0.0	2243	-34 43.7	109 56.6	3215.4	4.3	73		
24	12	1972	0.0	2257	-34 43.4	109 57.8	3216.4	0.6	229	START	63
24	12	1972	0.0	*2302	-34 43.4	109 57.7	3216.4	0.2	246		63
25	12	1972	0.0	0136	-34 43.6	109 57.2	3217.0	5.8	70	END	63
25	12	1972	0.0	0150	-34 43.2	109 58.7	3218.3	9.8	70		
25	12	1972	0.0	0234	-34 40.7	110 6.9	3225.5	8.1	240		
25	12	1972	0.0	0316	-34 43.5	110 0.9	3231.2	7.0	191		
25	12	1972	0.0	*0340	-34 46.3	110 0.3	3234.0	6.5	195		
25	12	1972	0.0	0344	-34 46.7	110 0.1	3234.4	5.3	196		
25	12	1972	0.0	0414	-34 49.3	109 59.2	3237.1	10.3	6		
25	12	1972	0.0	0436	-34 45.5	109 59.8	3240.9	0.7	310	START	64
25	12	1972	0.0	*0610	-34 44.8	109 58.8	3241.9	0.7	78		64
25	12	1972	0.0	*0838	-34 44.5	110 0.9	3243.7	0.2	72		64
25	12	1972	0.0	0919	-34 44.4	110 1.1	3243.8	3.8	223	END	64
25	12	1972	0.0	0940	-34 45.4	109 60.0	3245.2	0.2	72	START	65
25	12	1972	0.0	*1110	-34 45.3	110 0.3	3245.5	0.6	80		65
25	12	1972	0.0	1118	-34 45.3	110 0.4	3245.6	4.2	220	END	65
25	12	1972	0.0	1152	-34 47.1	109 58.5	3247.9	7.4	222		
25	12	1972	0.0	1225	-34 50.1	109 55.2	3252.0	0.6	80	START	66
25	12	1972	0.0	*1352	-34 50.0	109 56.2	3252.8	0.6	75		66
25	12	1972	0.0	*1540	-34 49.7	109 57.4	3253.9	1.3	78		66
25	12	1972	0.0	*1624	-34 49.5	109 58.6	3254.8	0.9	53		66
25	12	1972	0.0	1747	-34 48.8	109 59.8	3256.1	9.6	4	END	66
25	12	1972	0.0	1822	-34 43.2	110 0.3	3261.7	0.9	53	START	67
25	12	1972	0.0	2030	-34 42.0	110 2.2	3263.6	4.3	327	END	67
25	12	1972	0.0	*2038	-34 41.5	110 1.8	3264.2	4.1	317		
25	12	1972	0.0	2101	-34 40.4	110 0.5	3265.8	8.4	202		
25	12	1972	0.0	2133	-34 44.5	109 58.4	3270.2	9.6	218		
25	12	1972	0.0	2144	-34 45.9	109 57.1	3272.0	6.6	42		
25	12	1972	0.0	2151	-34 45.3	109 57.8	3272.8	7.3	52		
25	12	1972	0.0	2155	-34 45.0	109 58.2	3273.2	3.7	99		
25	12	1972	0.0	2200	-34 45.1	109 58.6	3273.6	1.2	337		
25	12	1972	0.0	*2206	-34 44.9	109 58.5	3273.7	1.7	324		
25	12	1972	0.0	2224	-34 44.5	109 58.2	3274.2	5.8	358		
25	12	1972	0.0	2229	-34 44.0	109 58.2	3274.7	5.9	353		
25	12	1972	0.0	2241	-34 42.9	109 58.0	3275.8	5.0	67		
25	12	1972	0.0	2251	-34 42.6	109 58.9	3276.7	0.3	318		
25	12	1972	0.0	2310	-34 42.5	109 58.9	3276.8	4.7	67		
25	12	1972	0.0	2324	-34 42.1	110 0.1	3277.9	5.7	22		
25	12	1972	0.0	2327	-34 41.8	110 0.2	3278.1	7.7	358		
25	12	1972	0.0	*2354	-34 38.3	110 0.2	3281.6	7.8	358		
25	12	1972	0.0	2357	-34 37.9	110 0.1	3282.0	5.5	182		
26	12	1972	0.0	0030	-34 41.0	109 60.0	3285.1	7.8	87		

DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION	NO.
26	12	1972	0.0	0037	-34 40.9	110 1.1	3286.0	9.2	42		
26	12	1972	0.0	0101	-34 36.2	110 4.1	3289.7	6.8	228		
26	12	1972	0.0	0115	-34 39.3	110 2.7	3291.2	9.0	134		
26	12	1972	0.0	0121	-34 39.9	110 3.5	3292.1	8.8	88		
26	12	1972	0.0	0126	-34 39.9	110 4.4	3292.9	8.8	315		
26	12	1972	0.0	0130	-34 39.5	110 3.9	3293.5	7.2	272		
26	12	1972	0.0	0143	-34 39.4	110 2.0	3295.0	5.8	253		
26	12	1972	0.0	0147	-34 39.5	110 1.5	3295.4	7.0	87		
26	12	1972	0.0	0154	-34 39.5	110 2.5	3296.2	5.4	182		
26	12	1972	0.0	0158	-34 39.9	110 2.5	3296.6	5.9	272		
26	12	1972	0.0	0202	-34 39.8	110 2.0	3297.0	7.1	358		
26	12	1972	0.0	0207	-34 39.2	110 2.0	3297.6	5.3	273		
26	12	1972	0.0	0217	-34 39.2	110 0.9	3298.4	6.0	301		
26	12	1972	0.0	0220	-34 39.0	110 0.6	3298.7	5.7	243		
26	12	1972	0.0	0222	-34 39.1	110 0.4	3298.9	6.5	272		
26	12	1972	0.0	0240	-34 39.0	109 58.1	3300.9	5.4	86		
26	12	1972	0.0	0246	-34 39.0	109 58.7	3301.4	5.4	228		
26	12	1972	0.0	*0252	-34 39.4	109 58.2	3302.0	5.5	223		
26	12	1972	0.0	0313	-34 40.7	109 56.6	3303.9	5.6	268		
26	12	1972	0.0	0316	-34 40.8	109 56.3	3304.2	7.8	91		
26	12	1972	0.0	0337	-34 40.8	109 59.6	3306.9	7.7	110		
26	12	1972	0.0	0400	-34 41.8	110 3.0	3309.9	5.8	199		
26	12	1972	0.0	0405	-34 42.3	110 2.8	3310.3	5.6	288		
26	12	1972	0.0	0410	-34 42.2	110 2.2	3310.8	8.3	10		
26	12	1972	0.0	0418	-34 41.1	110 2.5	3311.9	5.4	189		
26	12	1972	0.0	0433	-34 42.4	110 2.2	3313.3	6.7	273		
26	12	1972	0.0	0443	-34 42.3	110 0.9	3314.4	2.9	188		
26	12	1972	0.0	0457	-34 43.0	110 0.7	3315.1	2.4	266		
26	12	1972	0.0	0511	-34 43.0	110 0.1	3315.6	2.8	145		
26	12	1972	0.0	0528	-34 43.7	110 0.6	3316.4	6.2	91		
26	12	1972	0.0	0540	-34 43.7	110 2.1	3317.6	10.3	90		
26	12	1972	0.0	0613	-34 43.8	110 9.0	3323.3	9.3	314		
26	12	1972	0.0	0720	-34 36.5	110 0.0	3333.7	8.9	289		
26	12	1972	0.0	*0914	-34 30.9	109 40.6	3350.6	8.9	289		
26	12	1972	0.0	0931	-34 30.0	109 37.7	3353.2	10.3	70		
26	12	1972	0.0	1112	-34 24.3	109 57.7	3370.6	9.7	40		
26	12	1972	0.0	1222	-34 15.7	110 6.6	3381.9	9.4	25		
26	12	1972	0.0	1245	-34 12.4	110 8.5	3385.5	12.4	25		
26	12	1972	0.0	*1304	-34 8.9	110 10.5	3389.4	12.8	25		
26	12	1972	0.0	*1424	-33 53.6	110 19.4	3406.5	12.8	23		
26	12	1972	0.0	1447	-33 49.1	110 21.7	3411.4	9.8	22		
26	12	1972	0.0	1700	-33 29.0	110 31.7	3433.1	9.5	22		
26	12	1972	0.0	*1718	-33 26.4	110 33.1	3435.9	9.4	24		
26	12	1972	0.0	1930	-33 7.5	110 43.3	3456.6	9.4	24		
26	12	1972	0.0	*2108	-32 53.6	110 50.8	3471.9	9.7	24		
26	12	1972	0.0	2135	-32 49.6	110 52.9	3476.3	7.9	273		
26	12	1972	0.0	2142	-32 49.6	110 51.8	3477.2	7.3	227		
26	12	1972	0.0	2155	-32 50.6	110 50.5	3478.8	4.6	228		
26	12	1972	0.0	2206	-32 51.2	110 49.7	3479.6	5.3	42		
26	12	1972	0.0	2220	-32 50.3	110 50.7	3480.9	0.6	17	START	68
26	12	1972	0.0	*2322	-32 49.7	110 50.9	3481.5	1.0	66		68
27	12	1972	0.0	0020	-32 49.3	110 51.9	3482.4	4.3	190	END	68
27	12	1972	0.0	*0032	-32 50.2	110 51.7	3483.3	4.4	192		
27	12	1972	0.0	0101	-32 52.3	110 51.2	3485.4	0.8	62	START	69
27	12	1972	0.0	*0220	-32 51.8	110 52.3	3486.5	1.1	74		69
27	12	1972	0.0	0249	-32 51.6	110 52.9	3487.0	5.1	189	END	69
27	12	1972	0.0	0332	-32 55.2	110 52.2	3490.7	1.1	74	START	70
27	12	1972	0.0	0629	-32 54.3	110 56.1	3494.0	7.5	192	END	70
27	12	1972	0.0	0714	-32 59.8	110 54.6	3499.7	8.7	249		
27	12	1972	0.0	0738	-33 1.0	110 50.7	3503.2	1.1	74	START	71
27	12	1972	0.0	*0854	-33 0.6	110 52.4	3504.6	0.9	74		71
27	12	1972	0.0	0943	-33 0.5	110 53.2	3505.3	10.4	28	END	71
27	12	1972	0.0	1032	-32 53.0	110 58.1	3513.8	5.5	171		
27	12	1972	0.0	1040	-32 53.7	110 58.2	3514.5	1.8	204		
27	12	1972	0.0	1047	-32 53.9	110 58.1	3514.7	0.9	74	START	72
27	12	1972	0.0	1119	-32 53.8	110 58.6	3515.2	1.9	165		72
27	12	1972	0.0	*1148	-32 54.7	110 58.9	3516.1	1.8	164		72
27	12	1972	0.0	1221	-32 55.6	110 59.2	3517.1	1.3	209		72
27	12	1972	0.0	1347	-32 57.3	110 58.1	3519.0	0.9	67		72
27	12	1972	0.0	*1402	-32 57.2	110 58.3	3519.2	0.9	53		72

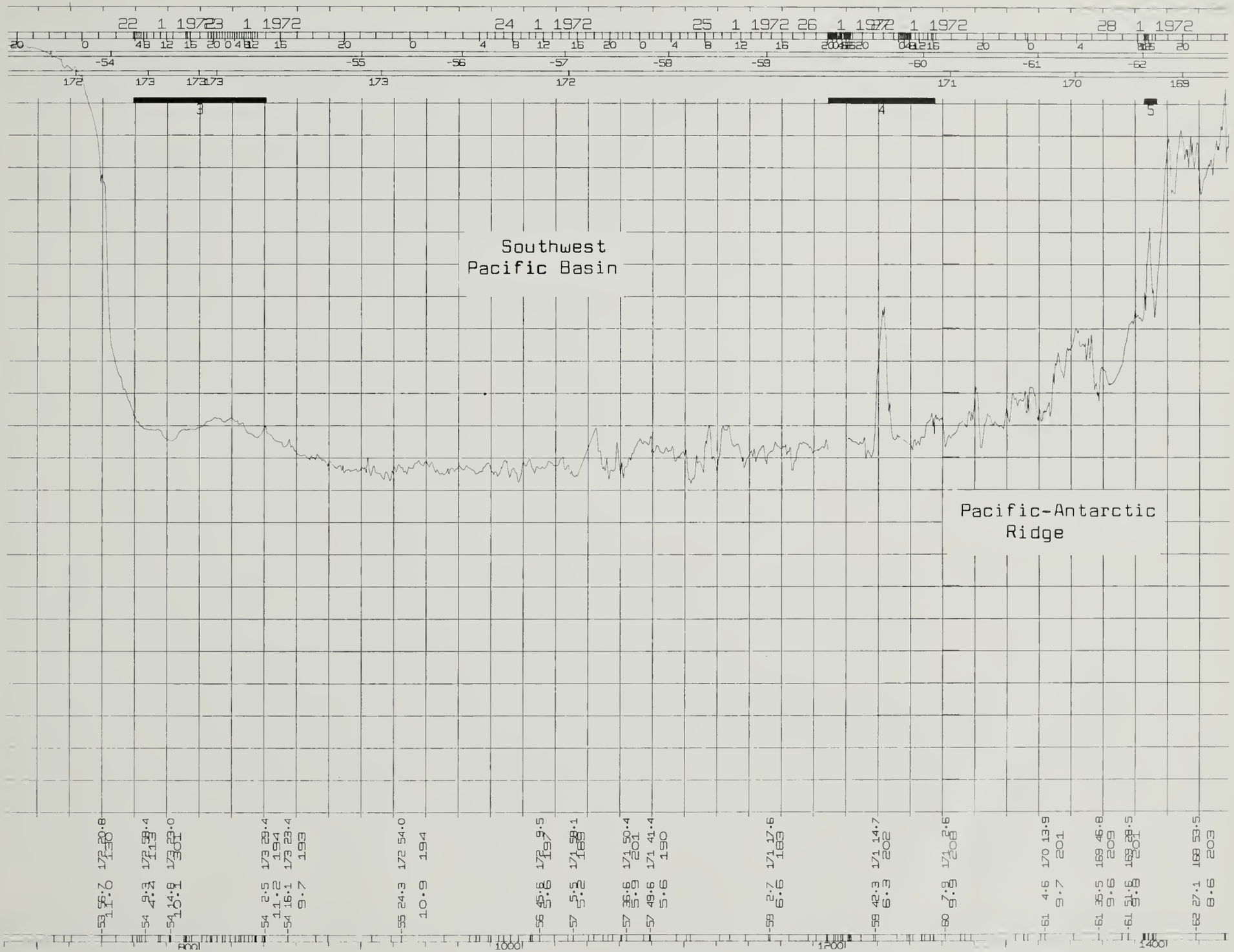
DAY	MON	YEAR	TZ	TIME	LATITUDE	LONGITUDE	DISTANCE	SPEED	COURSE	STATION	NO.
27	12	1972	0.0	1647	-32 55.8	111 0.6	3521.6	8.3	262	END	72
27	12	1972	0.0	1720	-32 56.4	110 55.2	3526.1	0.9	53	START	73
27	12	1972	0.0	1850	-32 55.6	110 56.5	3527.4	0.9	54	END	73
27	12	1972	0.0	1851	-32 55.6	110 56.5	3527.4	0.9	53	START	74
27	12	1972	0.0*	2052	-32 54.6	110 58.2	3529.2	0.8	272		74
27	12	1972	0.0	2154	-32 54.5	110 57.2	3530.0	8.5	74	END	74
27	12	1972	0.0	2205	-32 54.1	110 59.0	3531.5	10.0	74		
27	12	1972	0.0	2313	-32 51.1	111 12.0	3542.8	10.6	74		
28	12	1972	0.0	0130	-32 44.8	111 39.8	3567.0	10.5	74		
28	12	1972	0.0*	0302	-32 40.6	111 58.3	3583.2	10.6	76		
28	12	1972	0.0	0400	-32 38.1	112 10.2	3593.5	10.6	76		
28	12	1972	0.0	0630	-32 31.8	112 40.8	3620.1	10.4	76		
28	12	1972	0.0	0900	-32 25.6	113 10.7	3646.0	10.2	76		
28	12	1972	0.0*	1058	-32 20.8	113 33.8	3666.1	10.8	75		
28	12	1972	0.0	1130	-32 19.3	113 40.3	3671.8	11.2	75		
28	12	1972	0.0*	1242	-32 16.0	113 55.8	3685.3	10.9	76		
28	12	1972	0.0	1400	-32 12.6	114 12.0	3699.5	11.0	76		
28	12	1972	0.0*	1428	-32 11.4	114 18.0	3704.6	10.4	76		
28	12	1972	0.0	1602	-32 7.5	114 36.7	3720.9	7.3	76		
28	12	1972	0.0*	1730	-32 5.0	114 49.0	3731.7	7.5	80		
28	12	1972	0.0	1830	-32 3.8	114 57.7	3739.1	7.3	80		
28	12	1972	0.0*	1958	-32 2.1	115 10.3	3749.9	8.1	77		
28	12	1972	0.0	2052	-32 0.4	115 18.6	3757.2	5.6	77		
28	12	1972	0.0	2100	-32 0.3	115 19.5	3757.9	7.0	77		
28	12	1972	0.0	2108	-32 0.1	115 20.5	3758.9	5.7	116		
28	12	1972	0.0	2110	-32 0.2	115 20.7	3759.0	4.6	46		
28	12	1972	0.0	2116	-31 59.8	115 21.1	3759.5	6.3	25		
28	12	1972	0.0	2123	-31 59.2	115 21.5	3760.2	5.5	339		
28	12	1972	0.0	2124	-31 59.1	115 21.5	3760.3	5.5	51		
28	12	1972	0.0	2130	-31 58.7	115 22.0	3760.9	7.0	81		
28	12	1972	0.0	2207	-31 58.1	115 27.0	3765.2	8.1	81		
28	12	1972	0.0	2232	-31 57.5	115 30.9	3768.5	8.3	91		
28	12	1972	0.0	2251	-31 57.6	115 34.0	3771.2	5.2	91		
28	12	1972	0.0	2305	-31 57.6	115 35.4	3772.4	4.8	131		
29	12	1972	0.0	0101	-32 3.8	115 43.6	3781.6	4.3	116		
29	12	1972	0.0	0105	-32 3.9	115 43.9	3781.9	3.8	92		
29	12	1972	0.0	0108	-32 3.9	115 44.1	3782.1	3.7	87		
29	12	1972	0.0	0114	-32 3.9	115 44.6	3782.5	2.7	31		
29	12	1972	0.0	0124	-32 3.5	115 44.8	3782.9	1.1	181		
29	12	1972	0.0	0130	-32 3.6	115 44.8	3783.0	0.1	190		
29	12	1972	0.0	0135	-32 3.6	115 44.8	3783.1	0.2	188		
29	12	1972	0.0*	0136	-32 3.6	115 44.8	3783.1				

PART B - BATHYMETRIC, GEOMAGNETIC, AND GRAVITY PROFILES

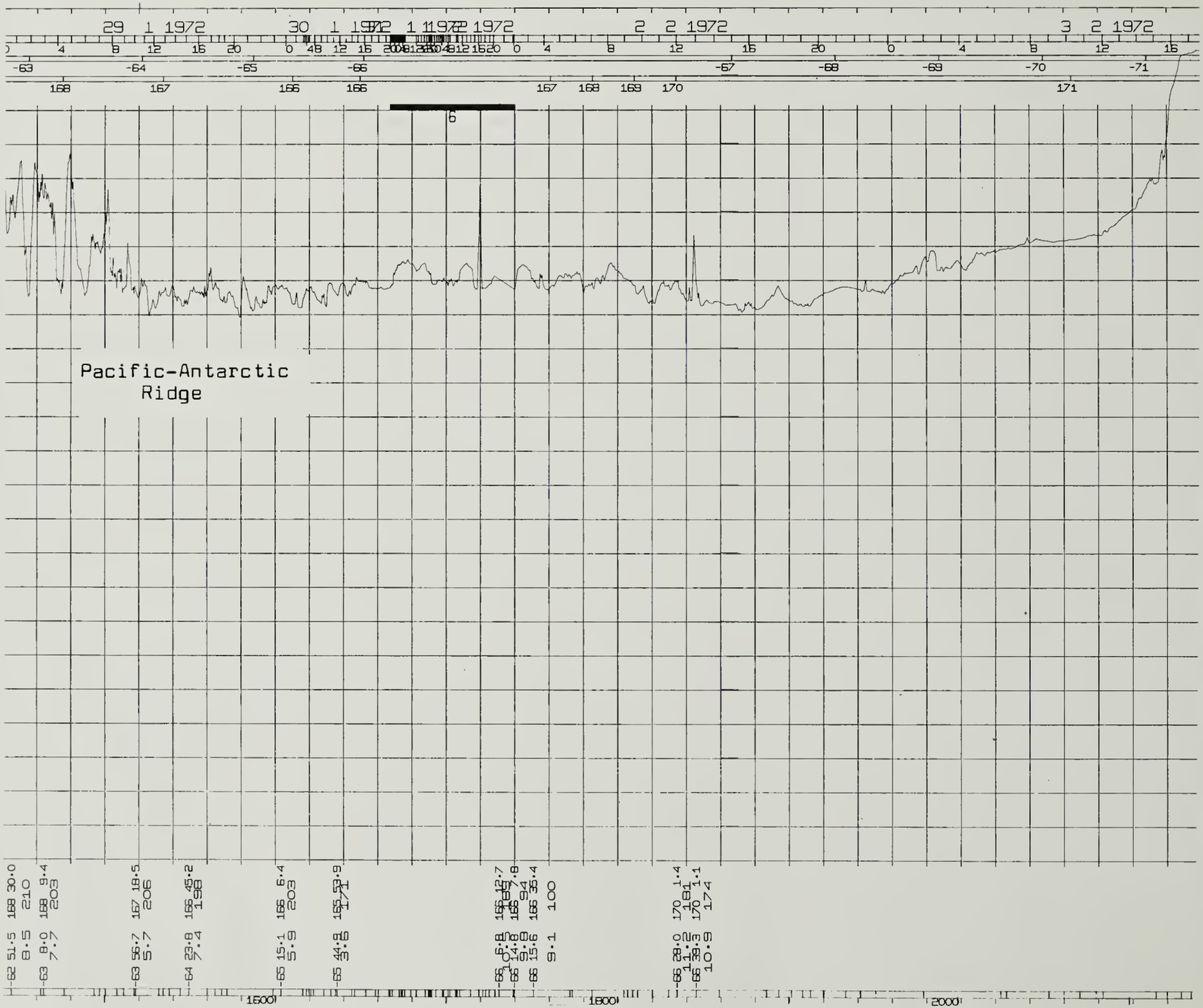
ELT 51


17 1 1972
18 1 1972
19 1 1972
20 1 1972
21 1 1972
Campbell Plateau
LYTTELTON, NEW ZEALAND

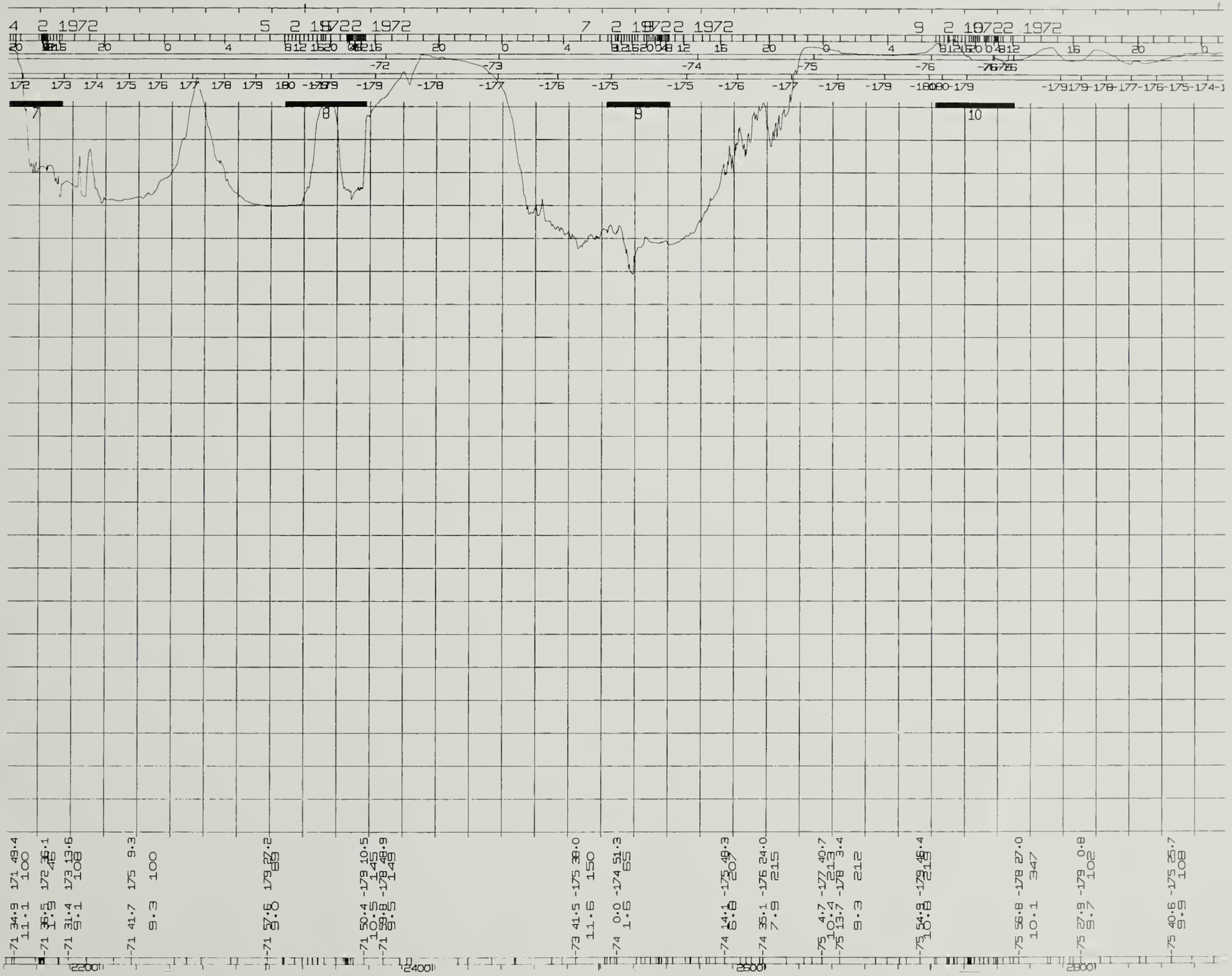
ELT 51


22 1 1972
23 1 1972
24 1 1972
25 1 1972
26 1 1972
27 1 1972
28 1 1972
Southwest
Pacific Basin
Pacific-Antarctic
Ridge

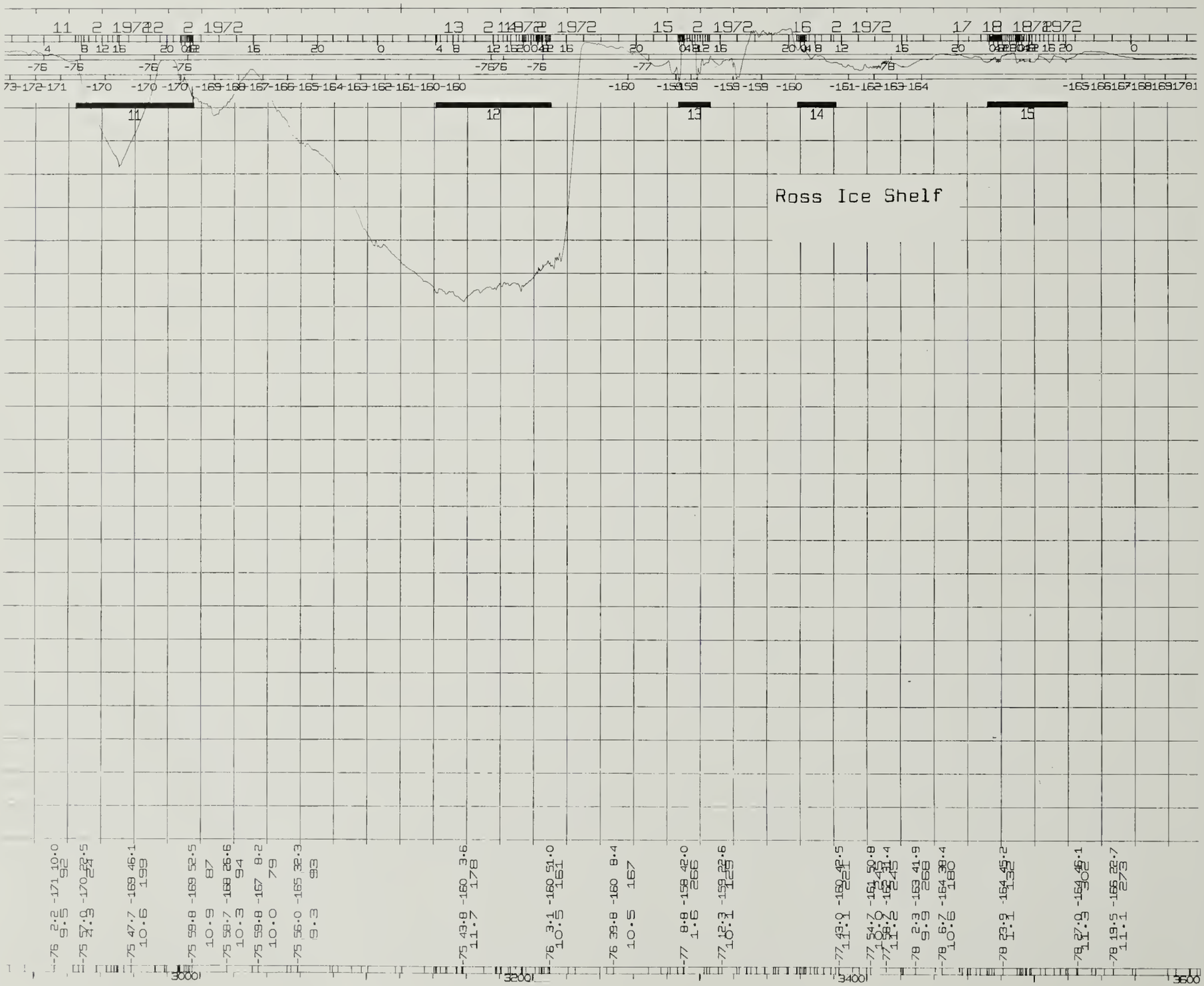
ELT 51


29 1 1972
30 1 1972
2 2 1972
3 2 1972
Pacific-Antarctic
Ridge
1500
1800
2000

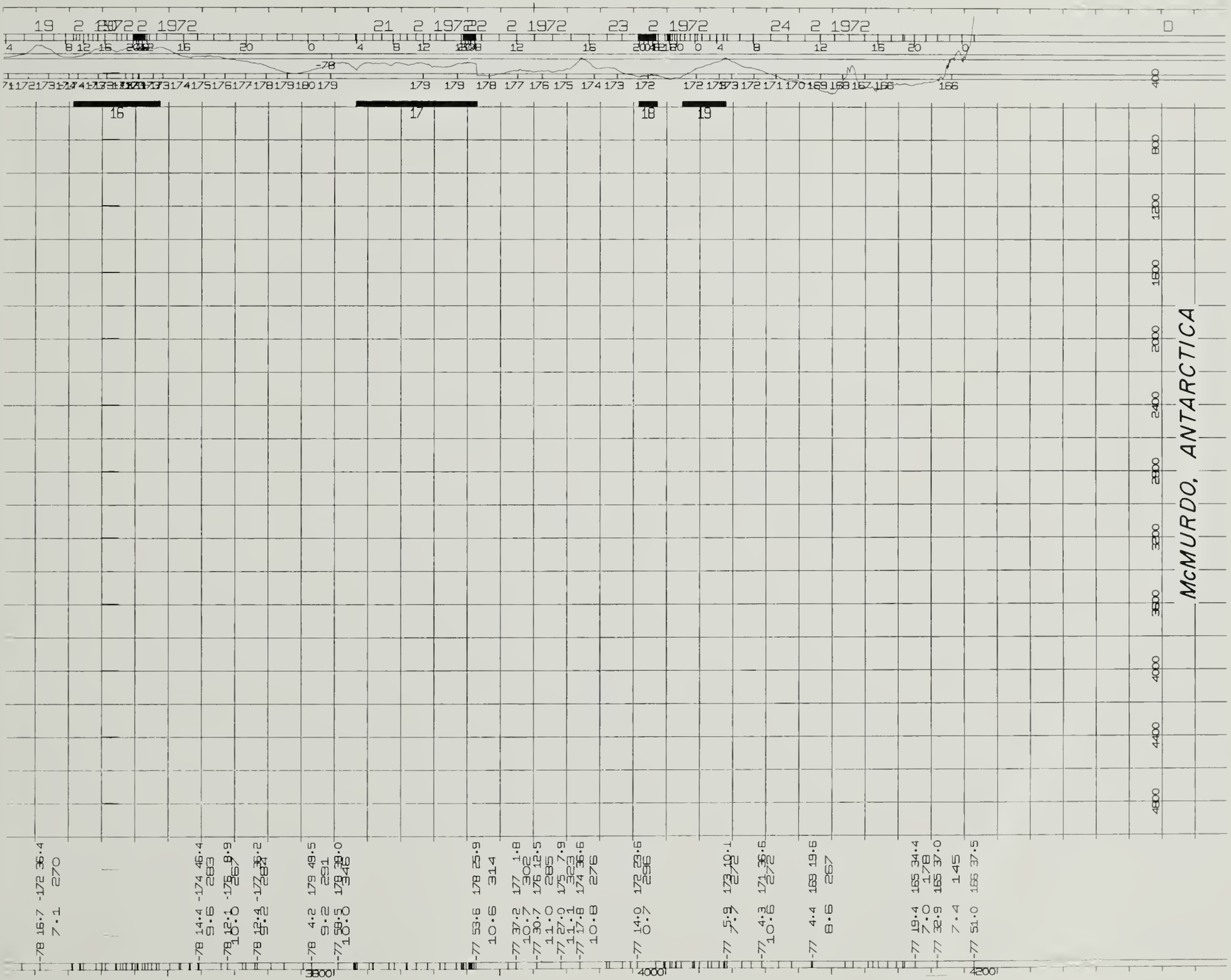
ELT 51

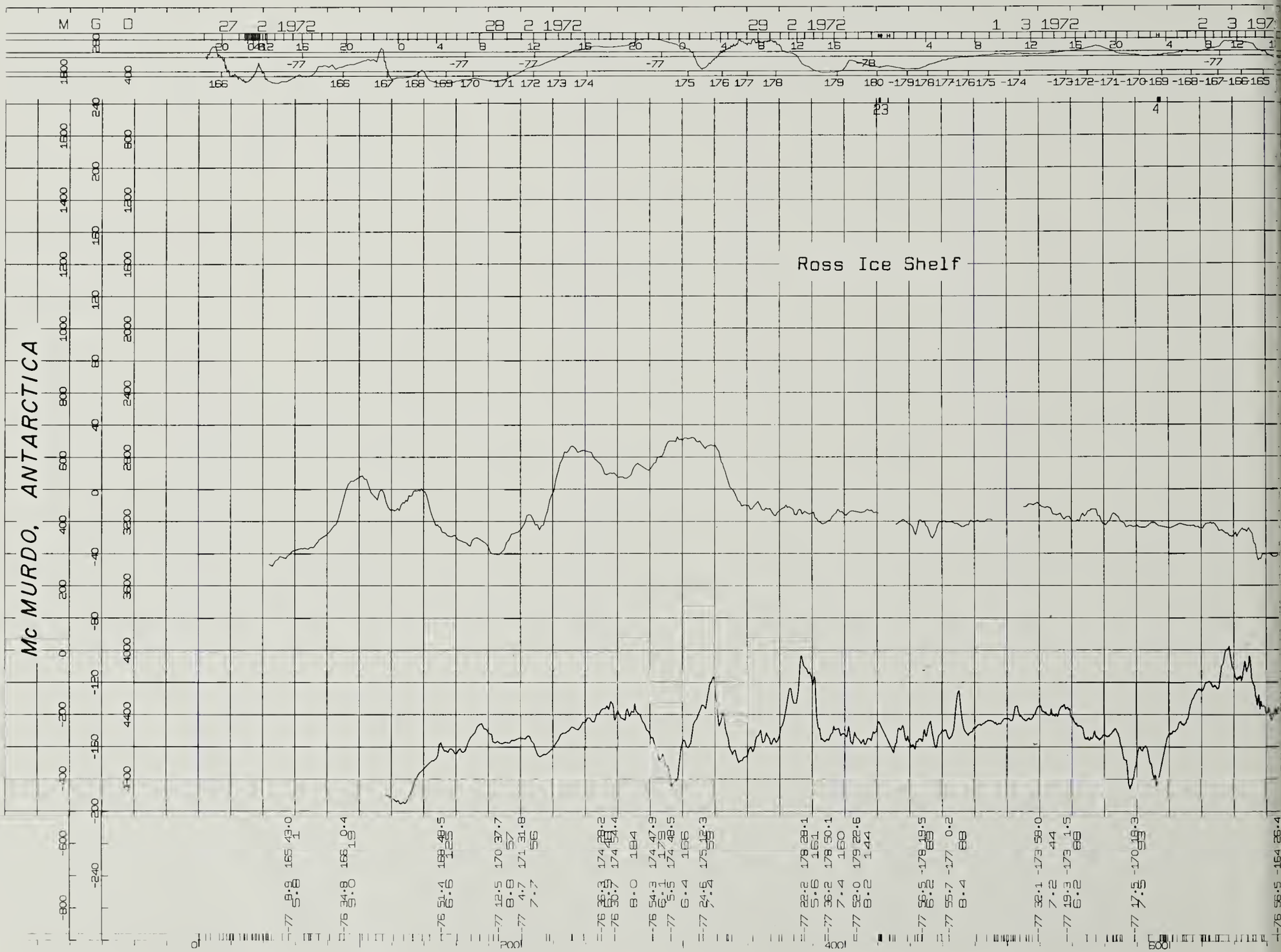


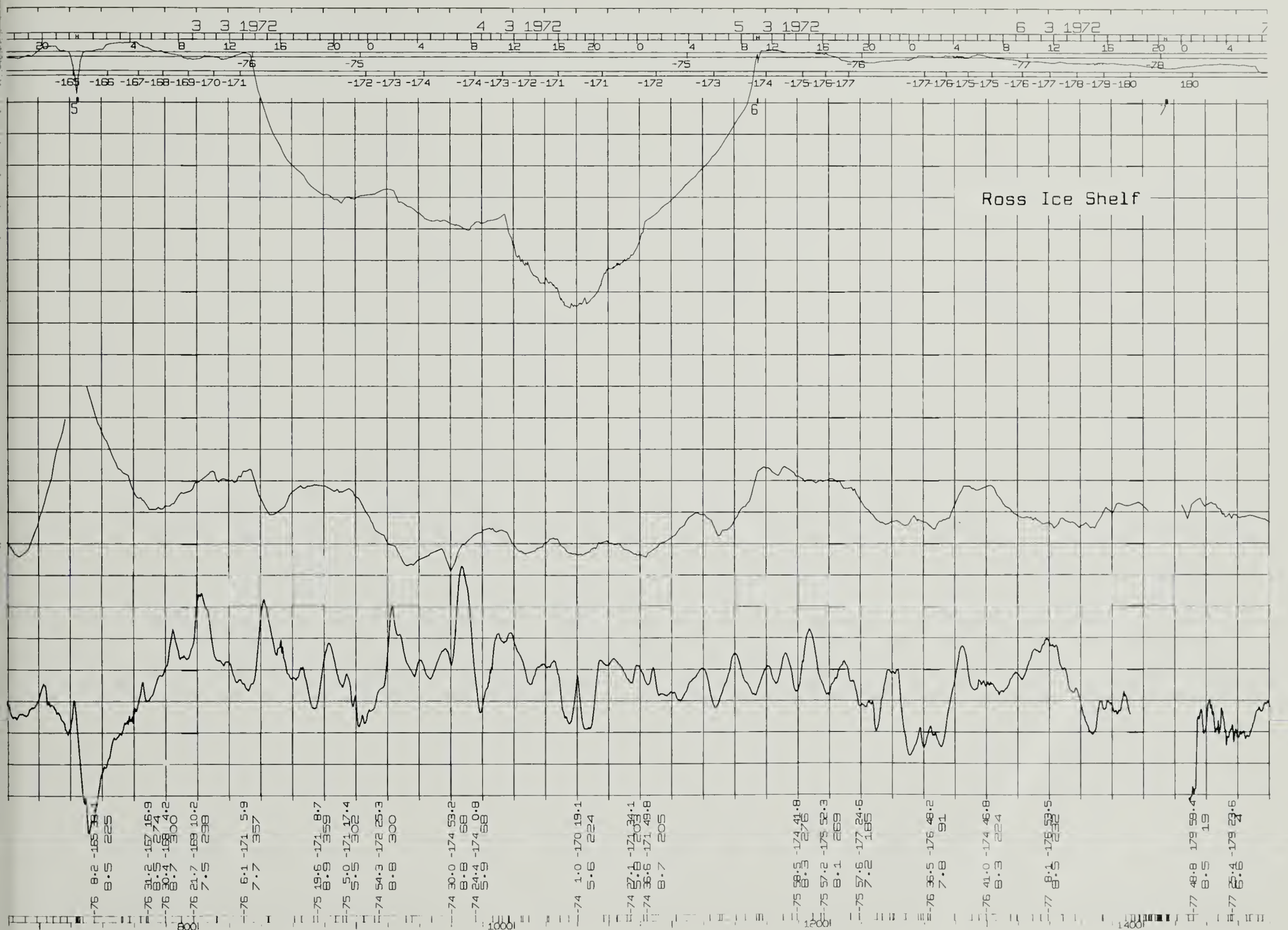
ELT 51



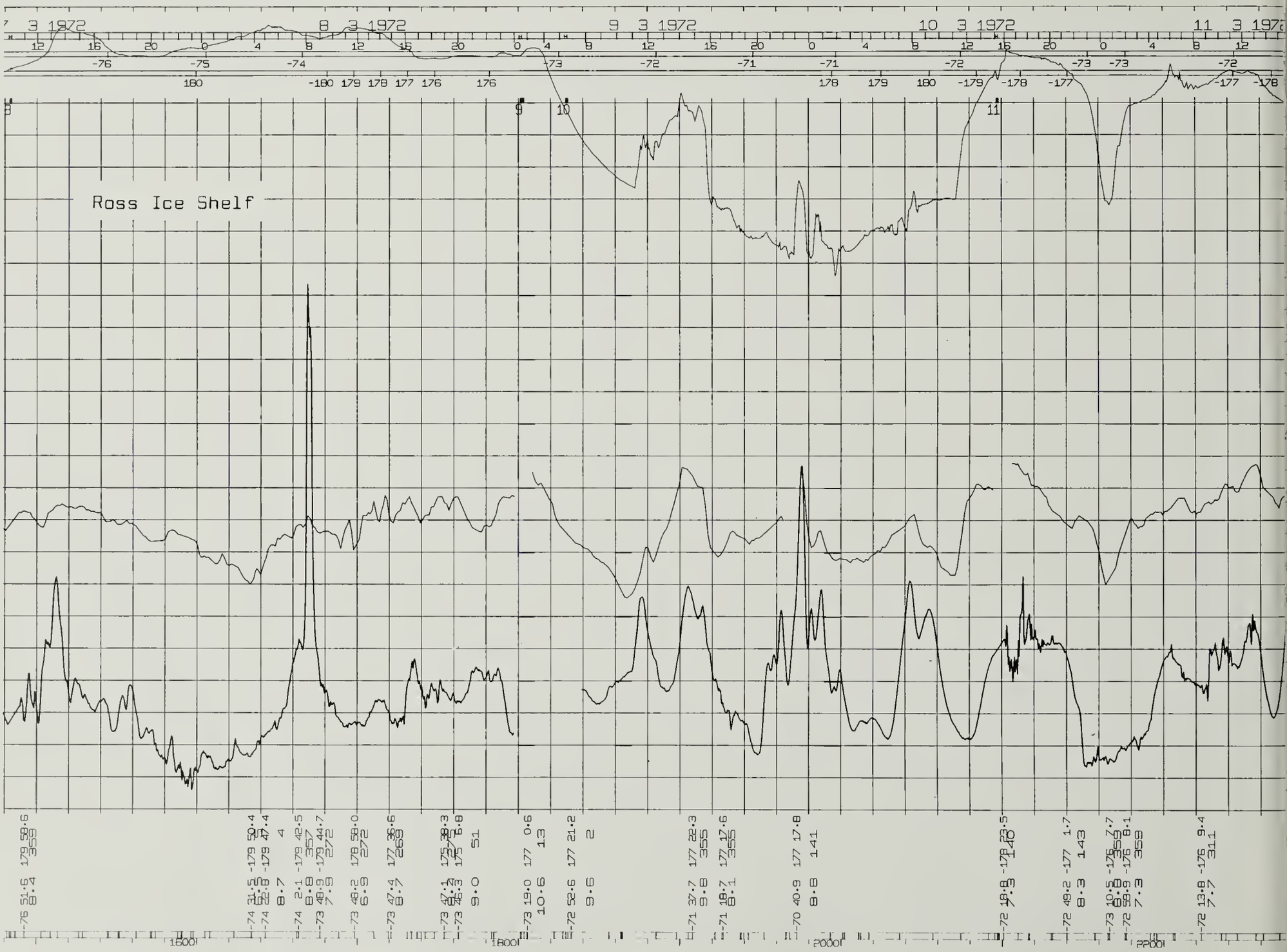
ELT 51


19 2 1972
21 2 1972
22 2 1972
23 2 1972
24 2 1972
16
17
18
19
McMURDO, ANTARCTICA

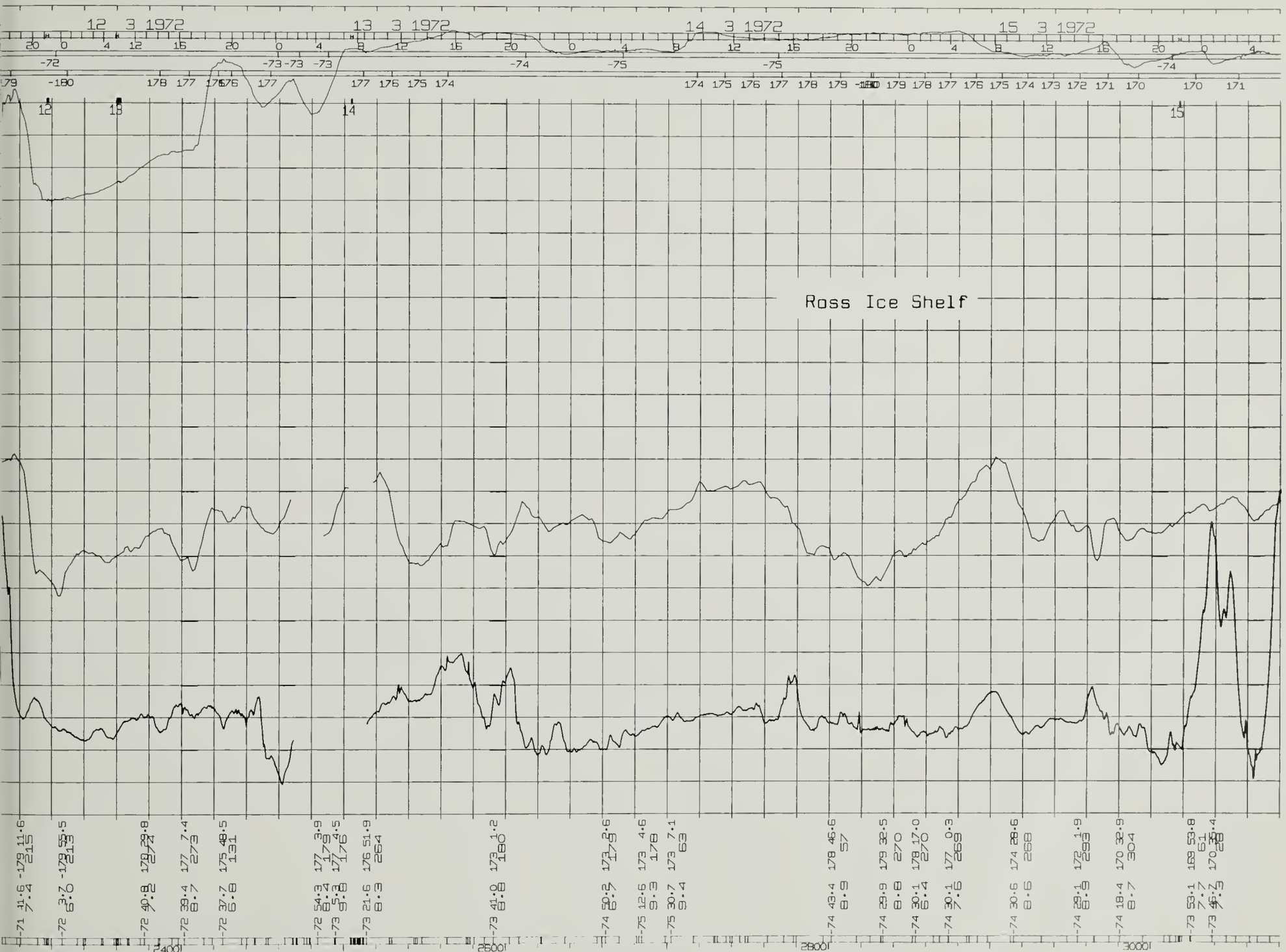

M G D
27 2 1972
28 2 1972
29 2 1972
1 3 1972
2 3 197
Ross Ice Shelf
Mc MURDO, ANTARCTICA


3 3 1972
4 3 1972
5 3 1972
6 3 1972
Ross Ice Shelf

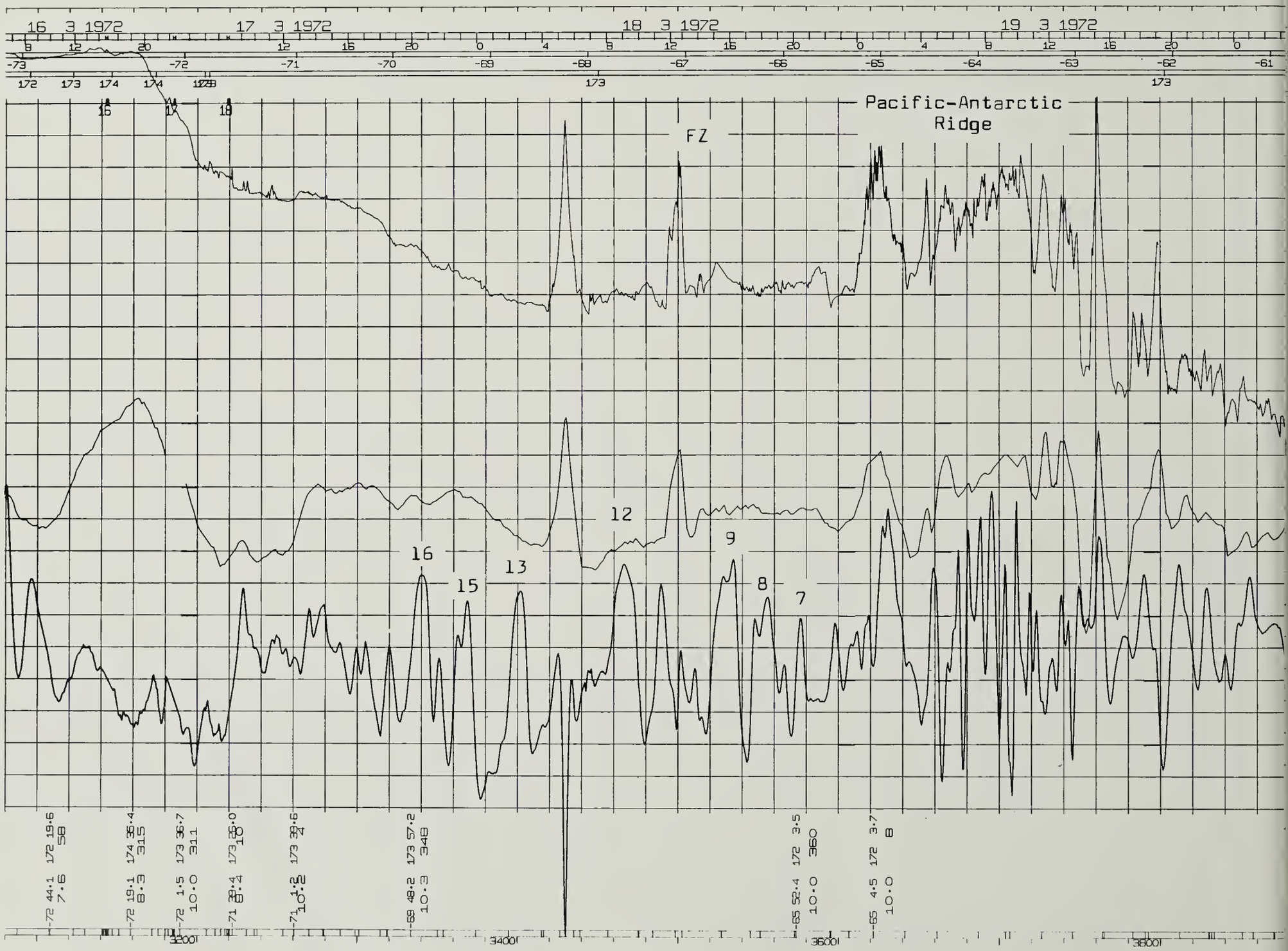
ELT 52



ELT 52



ELT 52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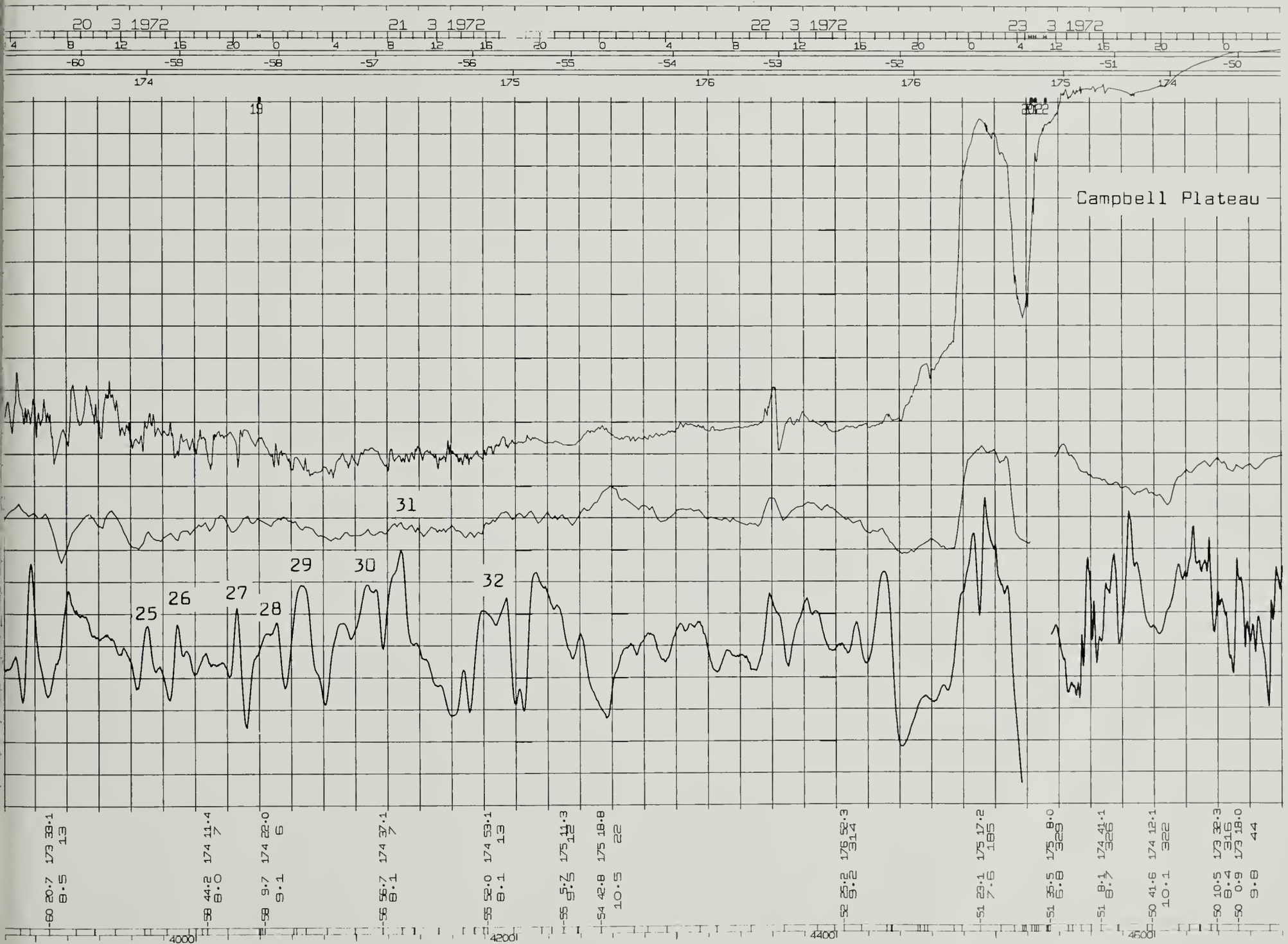
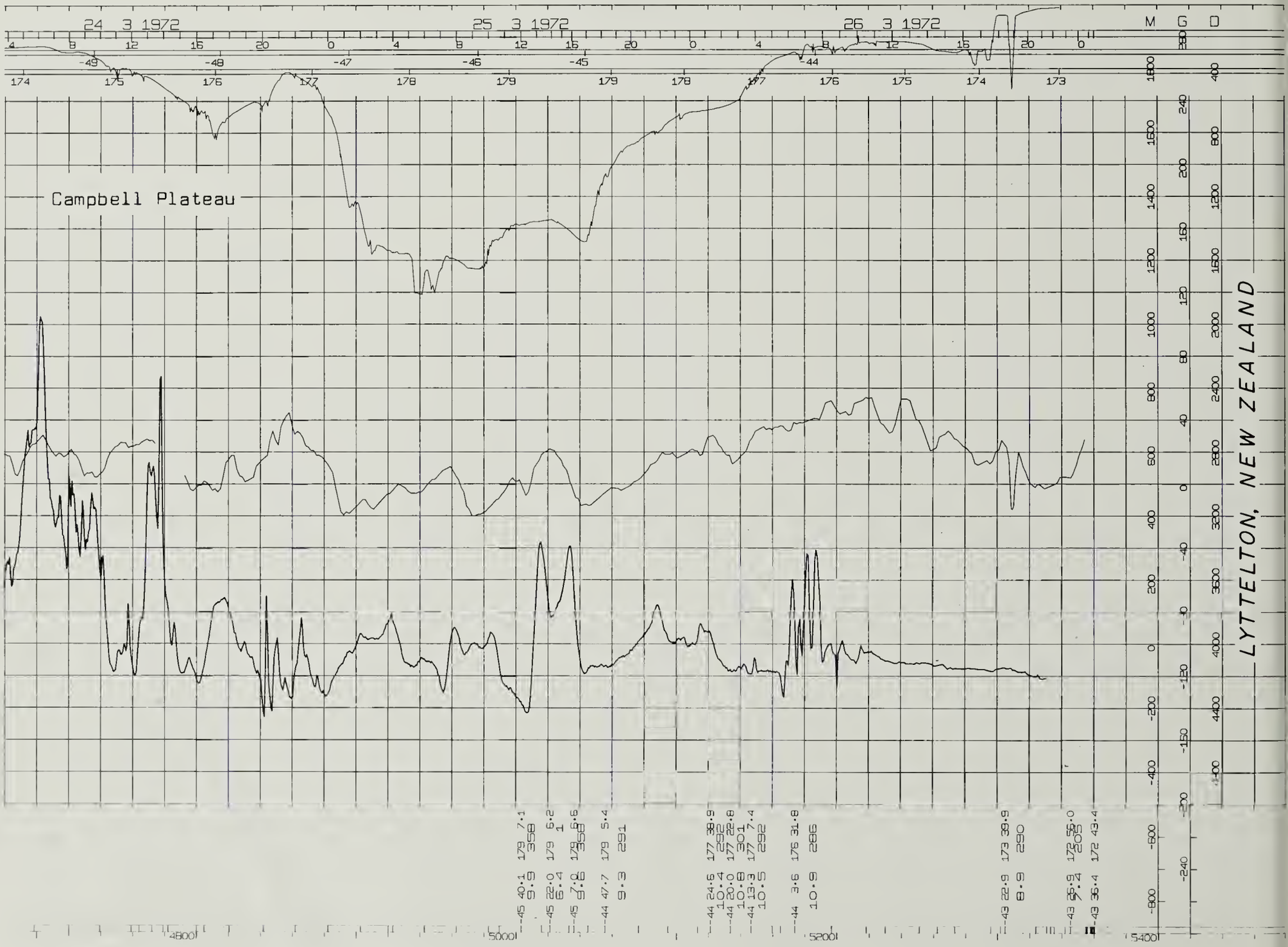
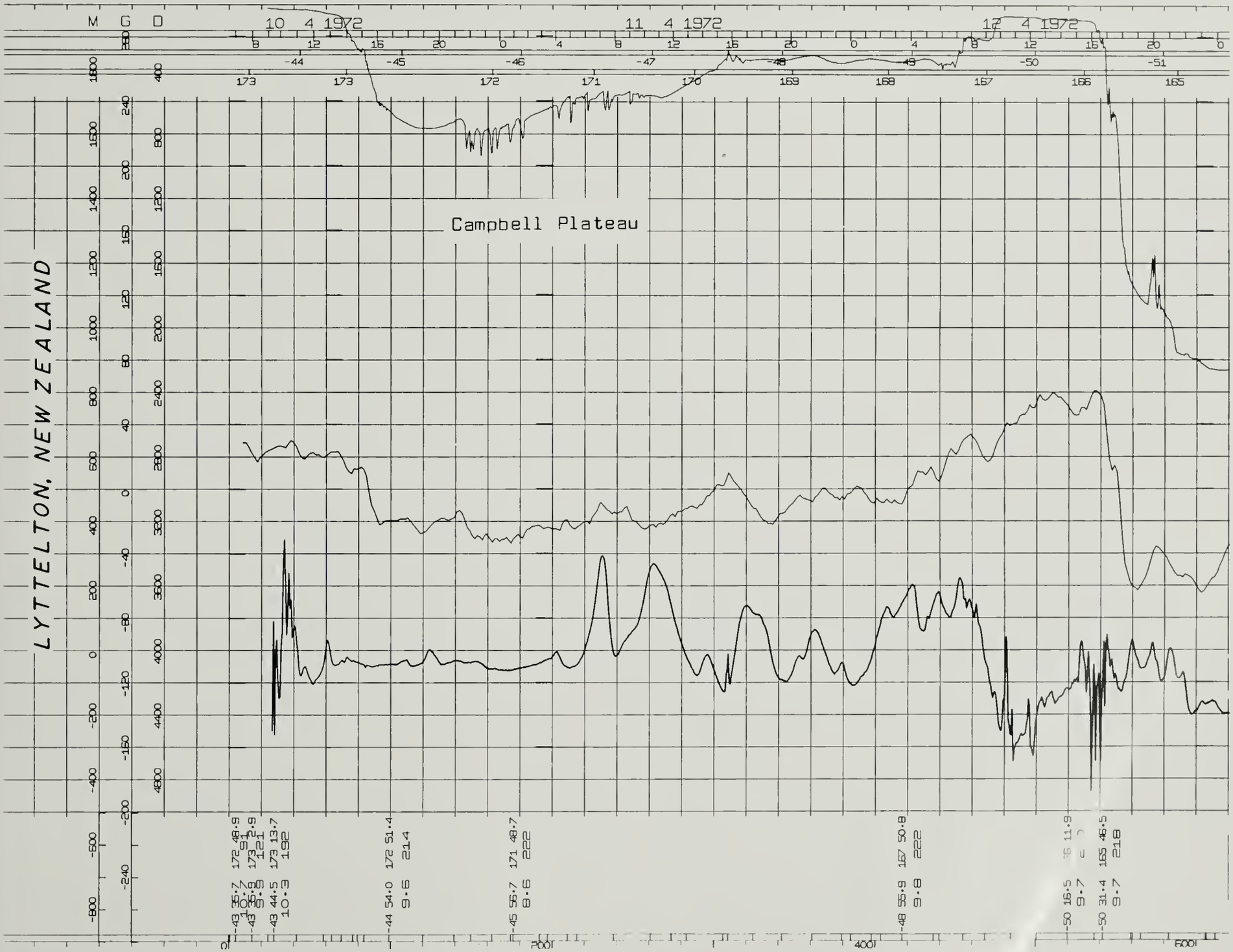
17 3 1972
18 3 1972
19 3 1972
Pacific-Antarctic Ridge
FZ
12
16
15
13
9
8
7

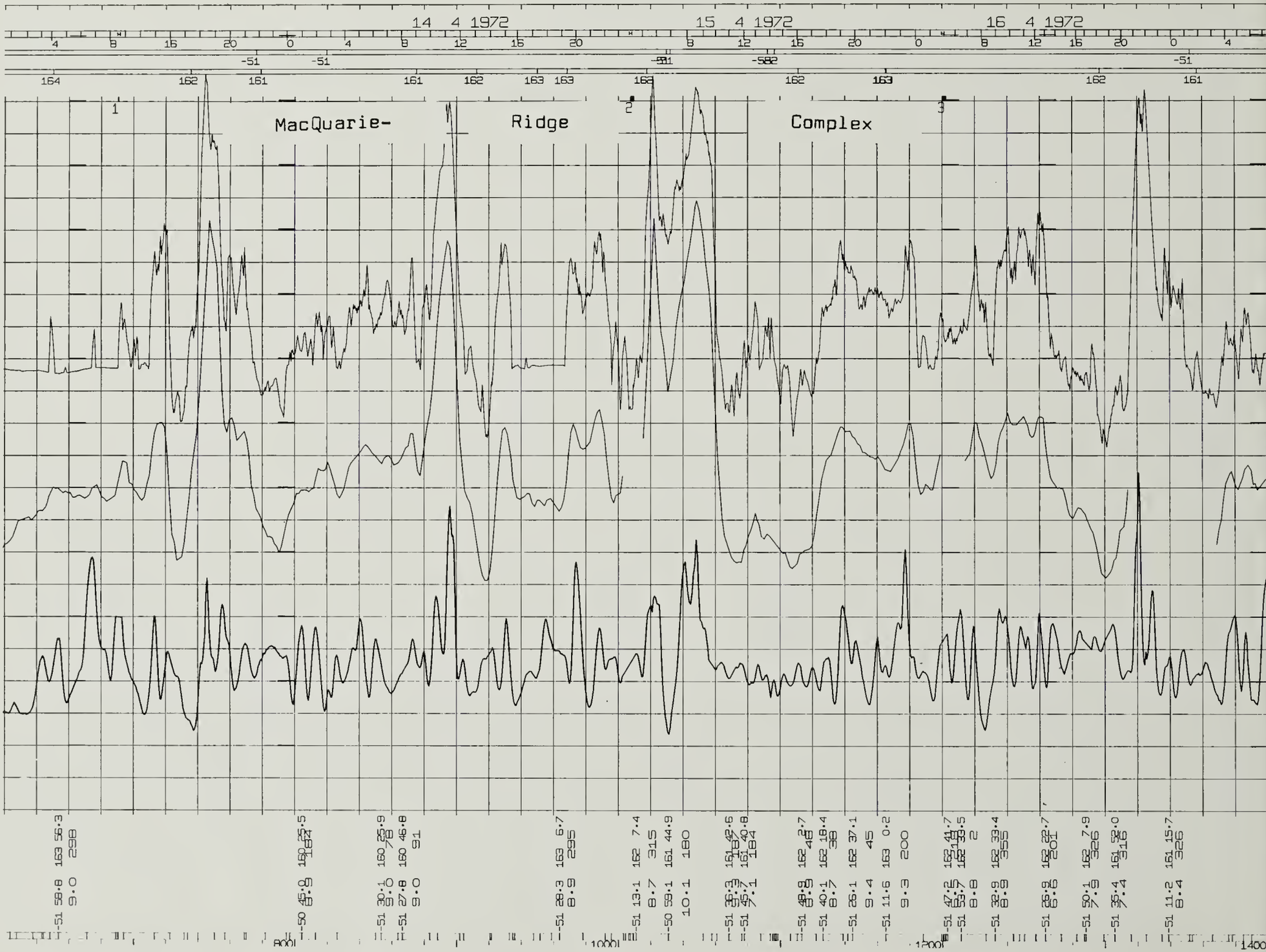

20 3 1972
21 3 1972
22 3 1972
23 3 1972
Campbell Plateau
19
31
25
26
27
28
29
30
32

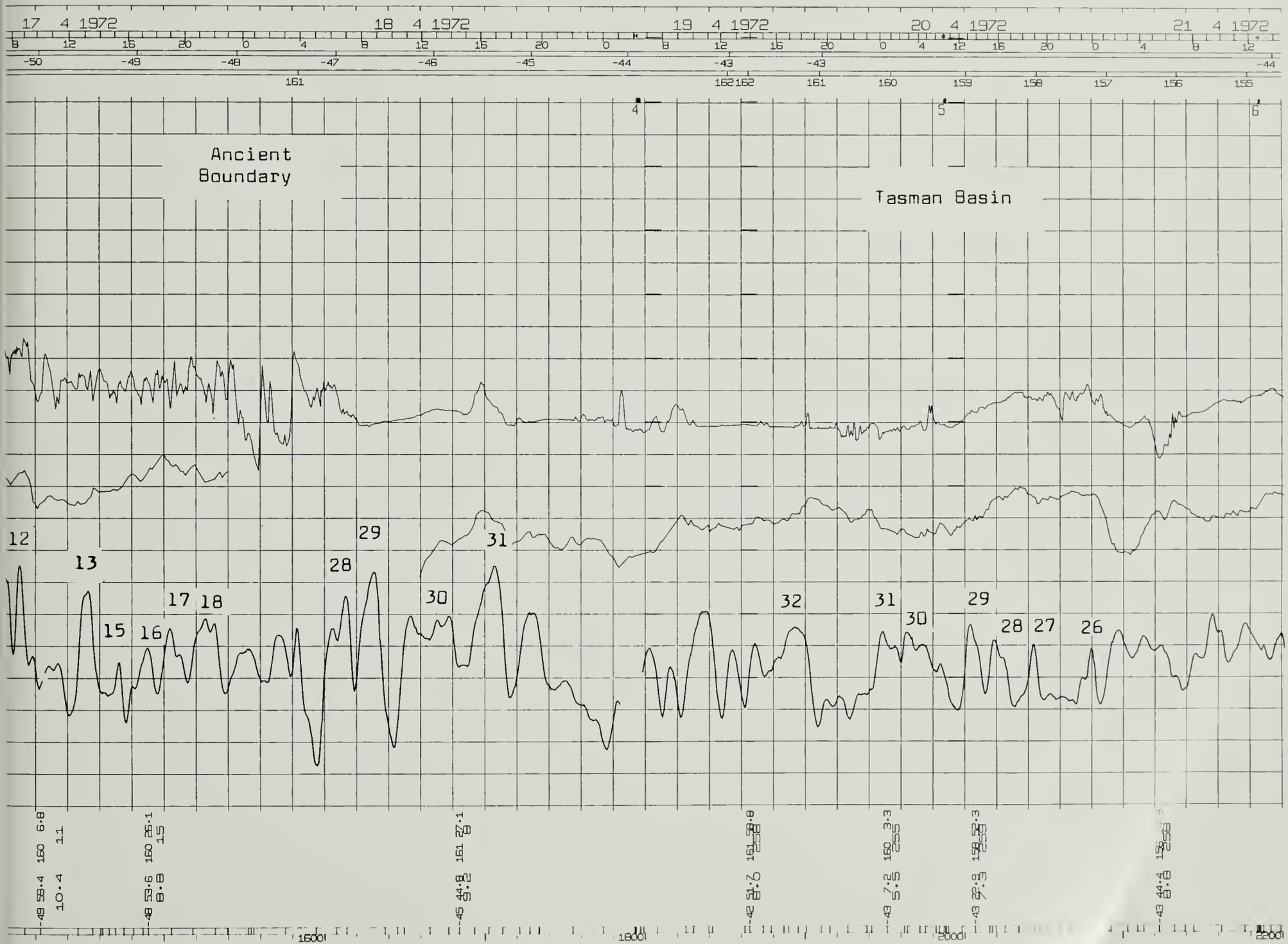
ELT 52


24 3 1972
25 3 1972
26 3 1972
M G D
Campbell Plateau
LYTTELTON, NEW ZEALAND

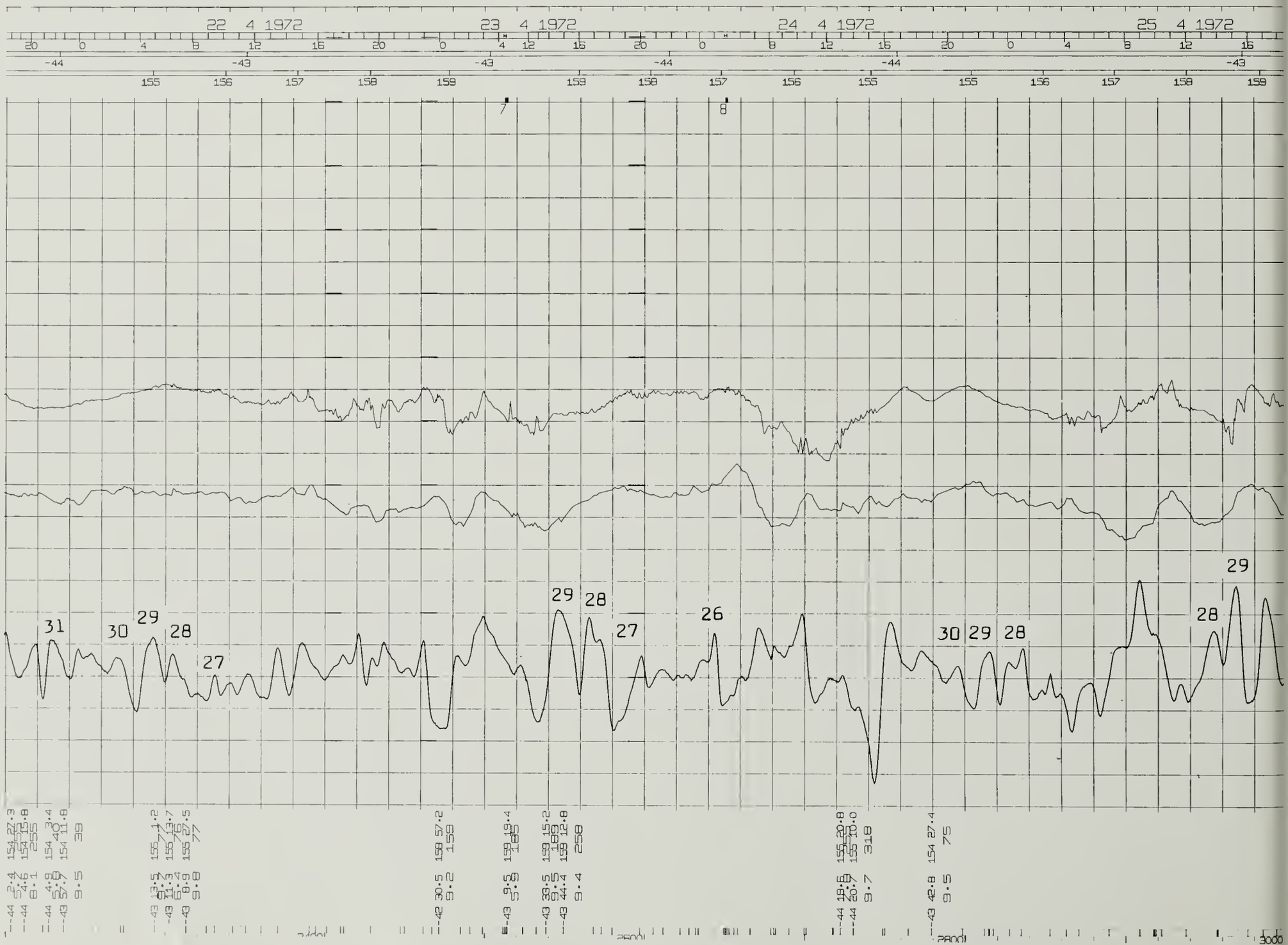
ELT 53


M G D
10 4 1972
11 4 1972
12 4 1972
Campbell Plateau
LYTTELTON, NEW ZEALAND


14 4 1972
15 4 1972
16 4 1972
MacQuarie-
Ridge
Complex


17 4 1972
18 4 1972
19 4 1972
20 4 1972
21 4 1972
Ancient Boundary
Tasman Basin
12
13
15
16
17
18
28
29
30
31
32
31
30
29
28
27
26

ELT 53


22 4 1972
23 4 1972
24 4 1972
25 4 1972
7
8
31
30
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28
27
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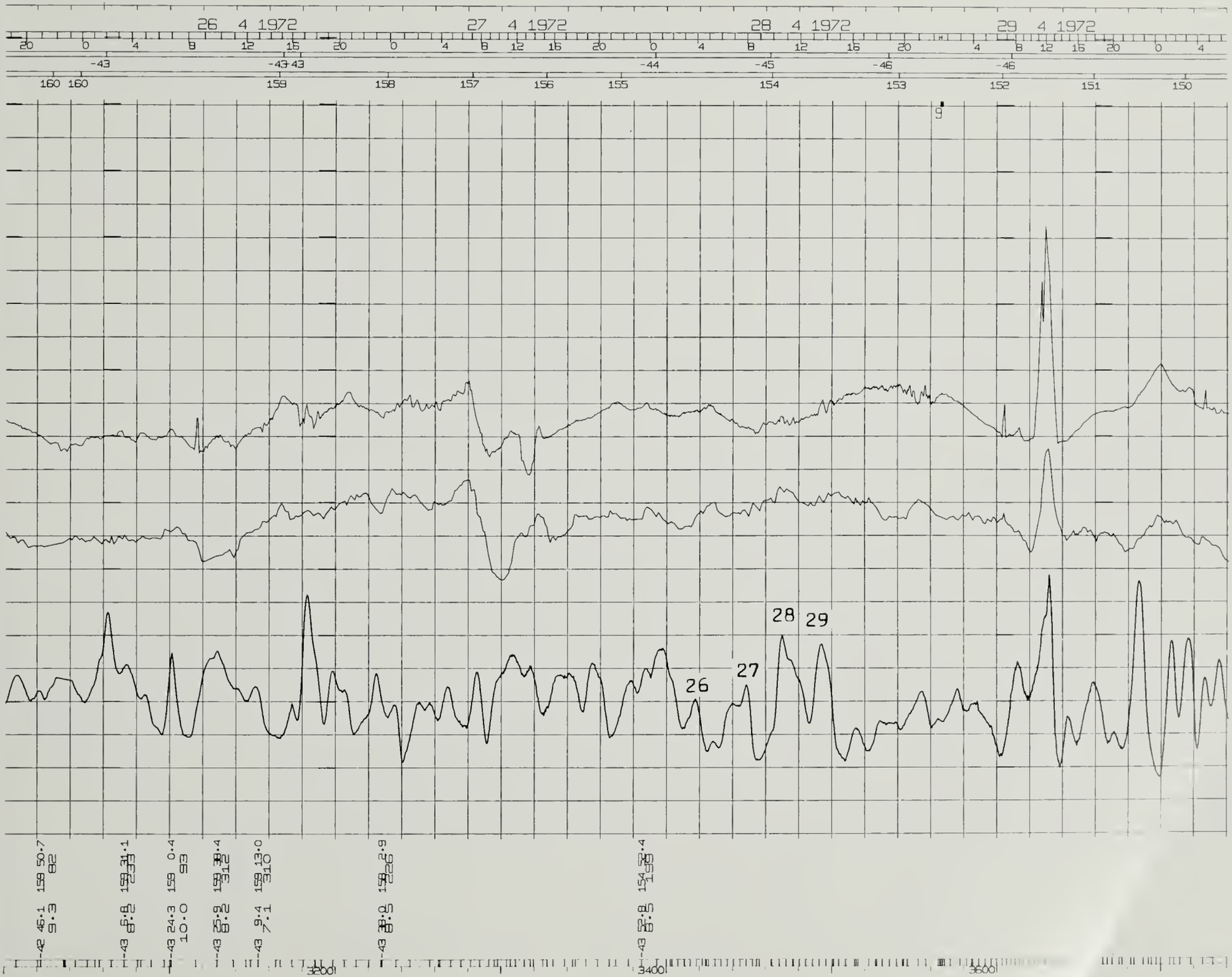
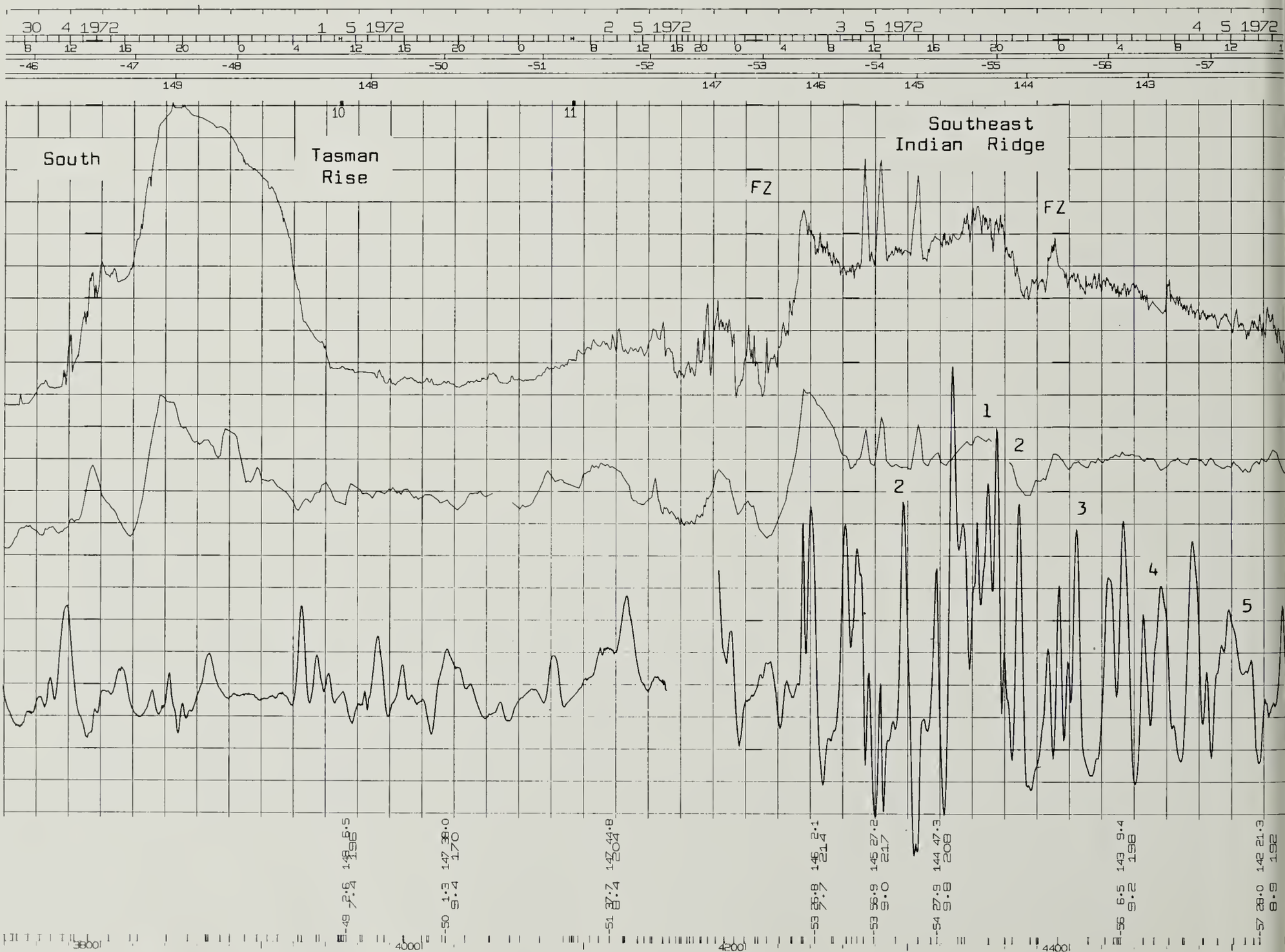
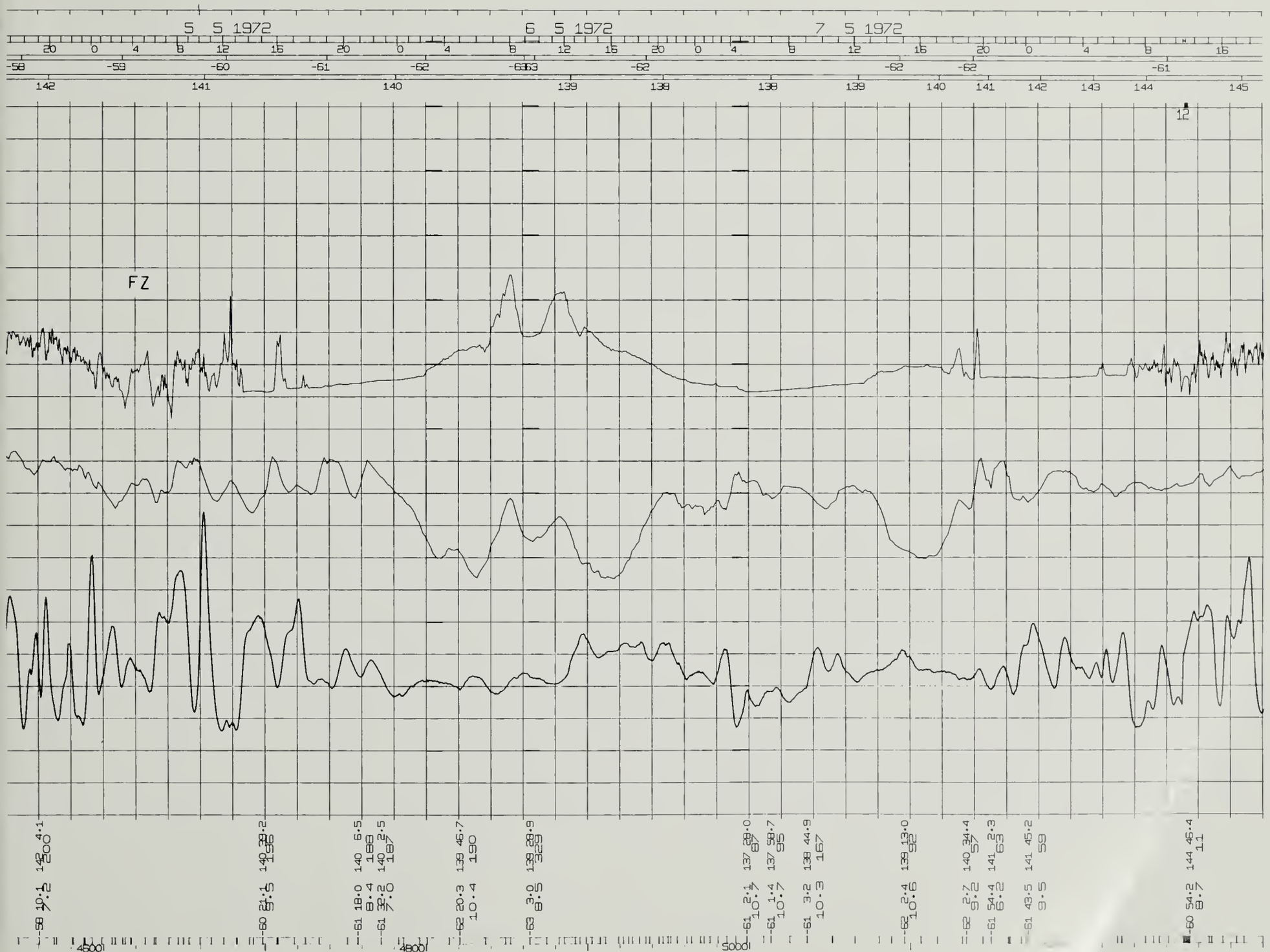
28
27
26
30
29
28
29
28

ELT 53

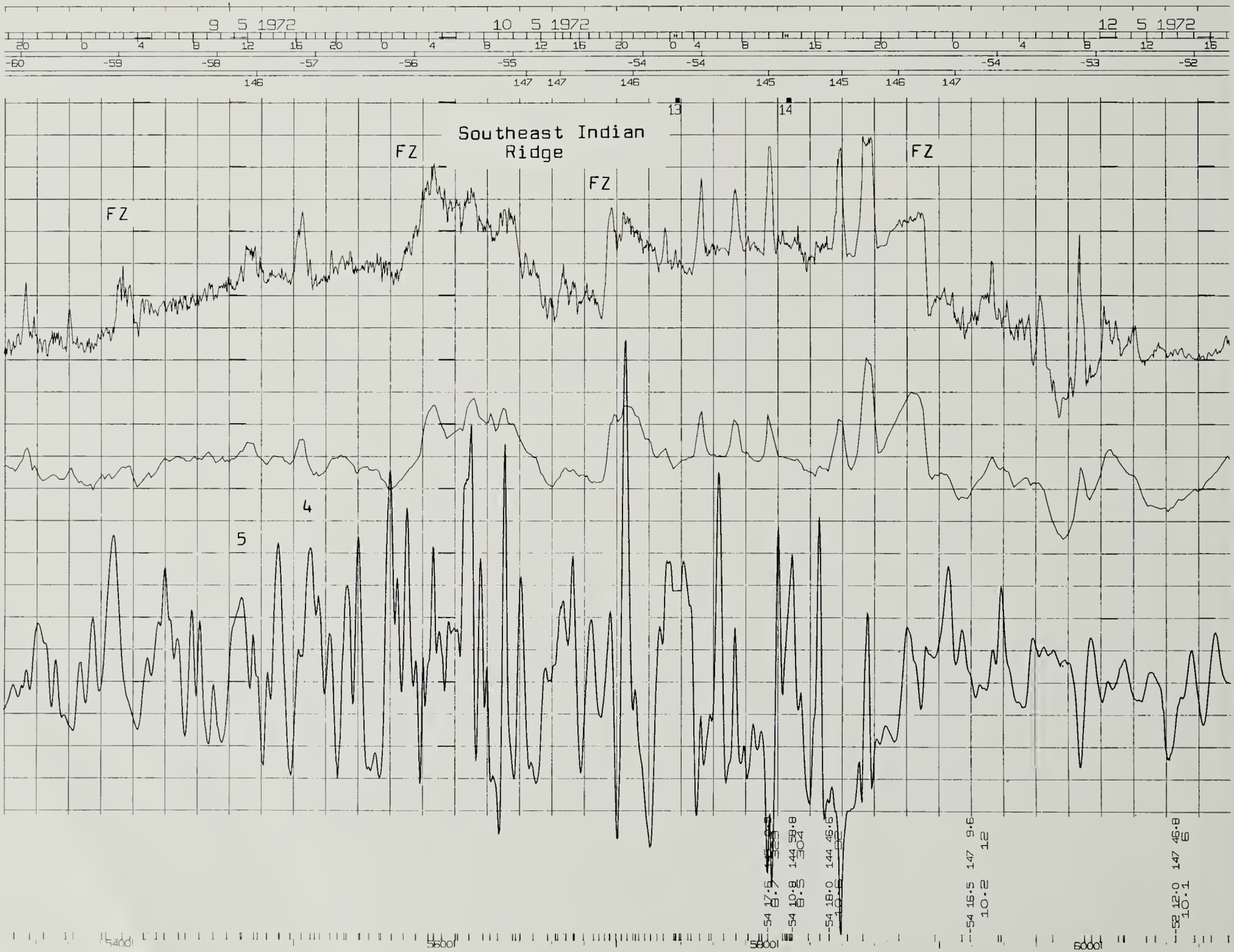


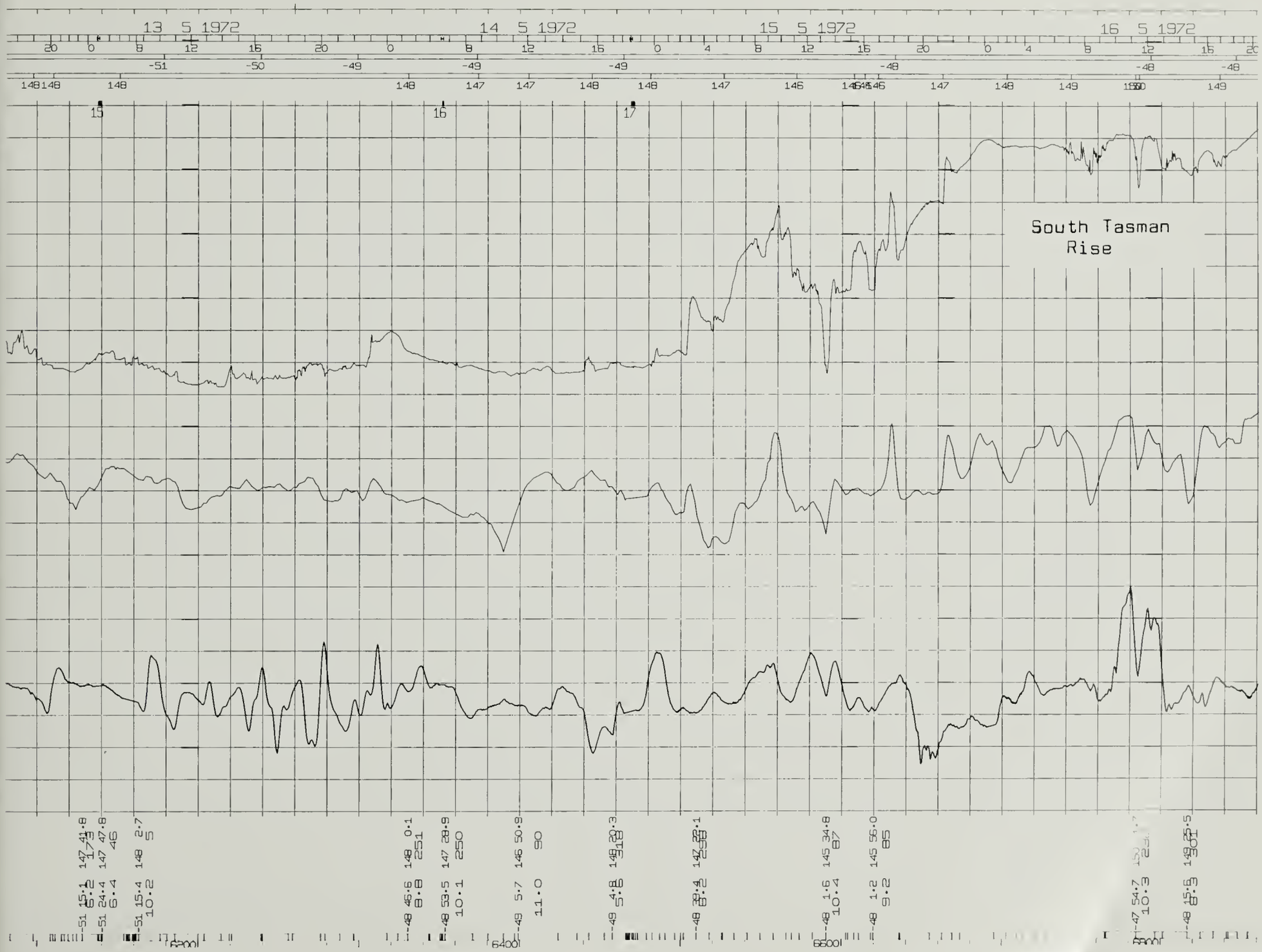

30 4 1972
1 5 1972
2 5 1972
3 5 1972
4 5 1972
South
Tasman
Rise
Southeast
Indian Ridge
FZ
FZ
10
11
1
2
2
3
4
5

ELT 53

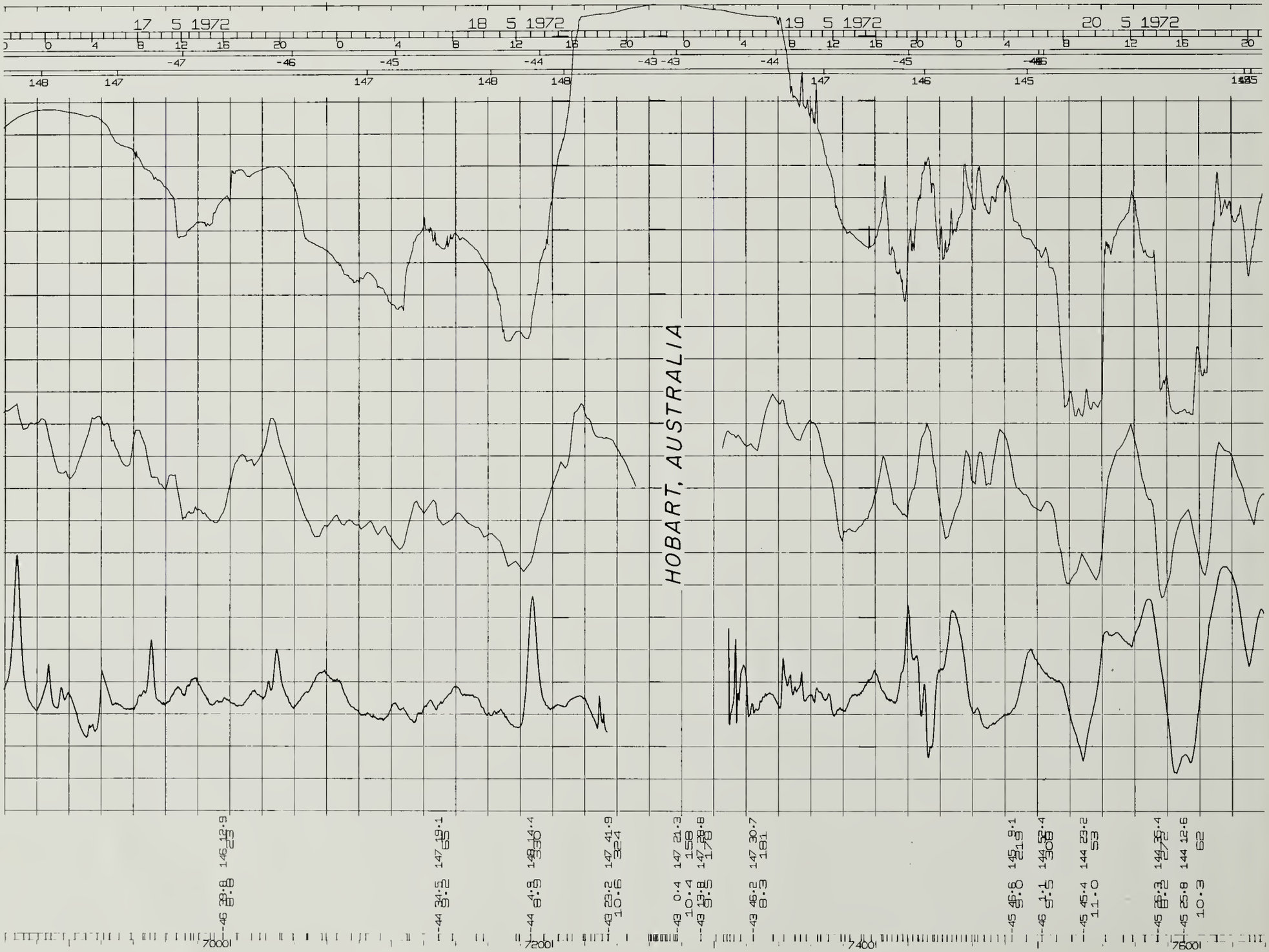


ELT 53

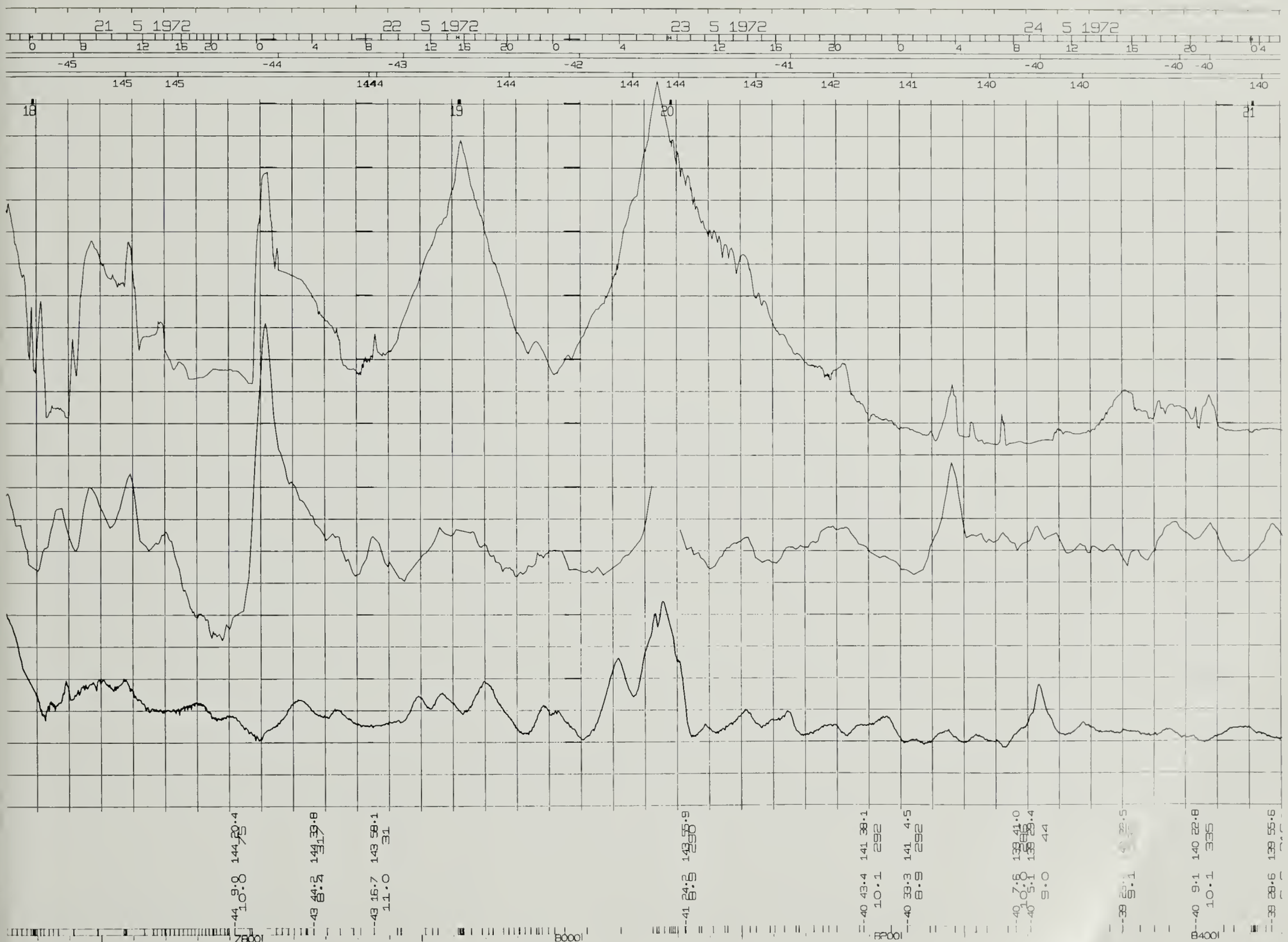

9 5 1972
10 5 1972
12 5 1972
Southeast Indian Ridge
FZ
FZ
FZ
FZ
4
5


13 5 1972
14 5 1972
15 5 1972
16 5 1972
South Tasman
Rise

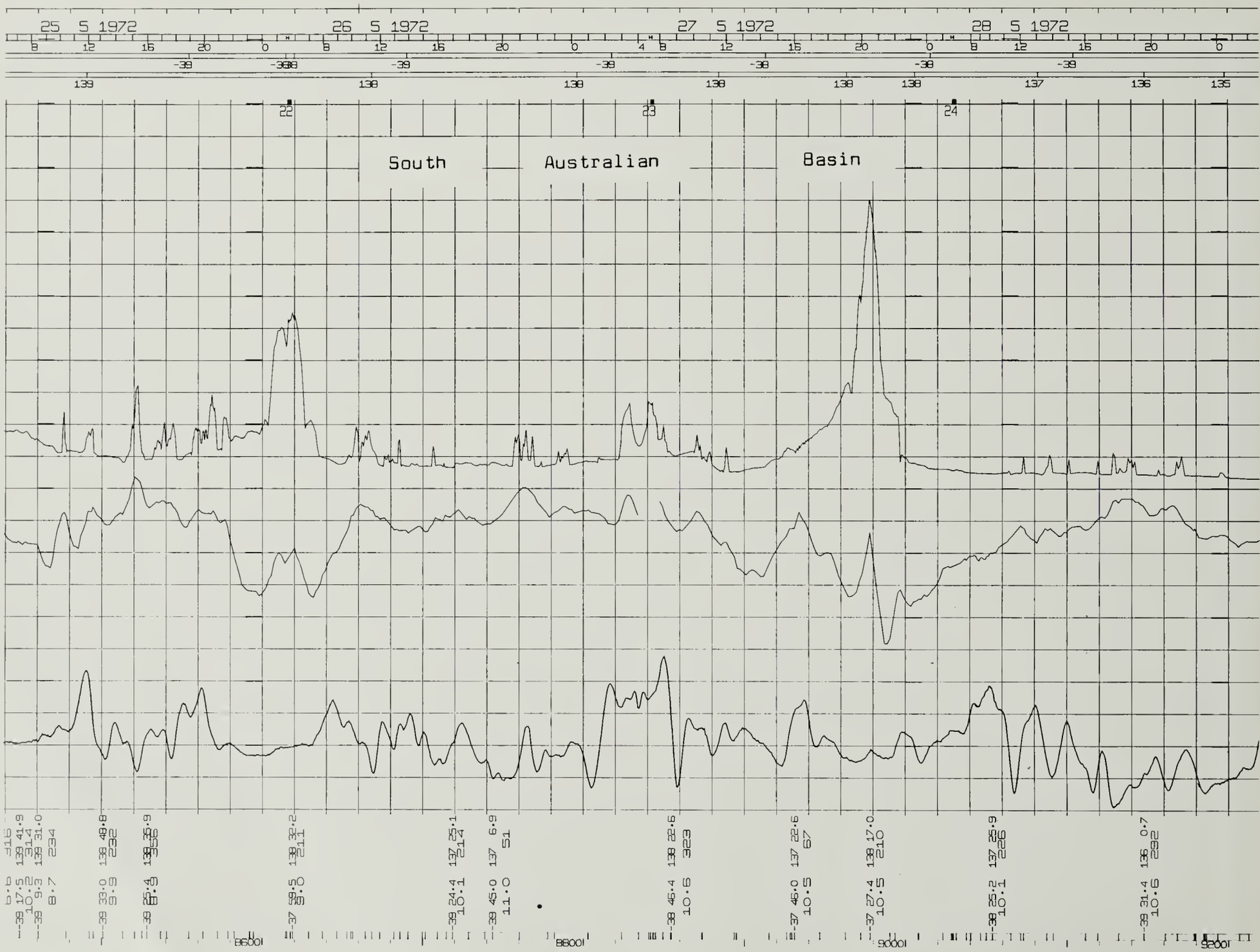
ELT 53


17 5 1972
18 5 1972
19 5 1972
20 5 1972
HOBART, AUSTRALIA
70001
72001
74001
76001

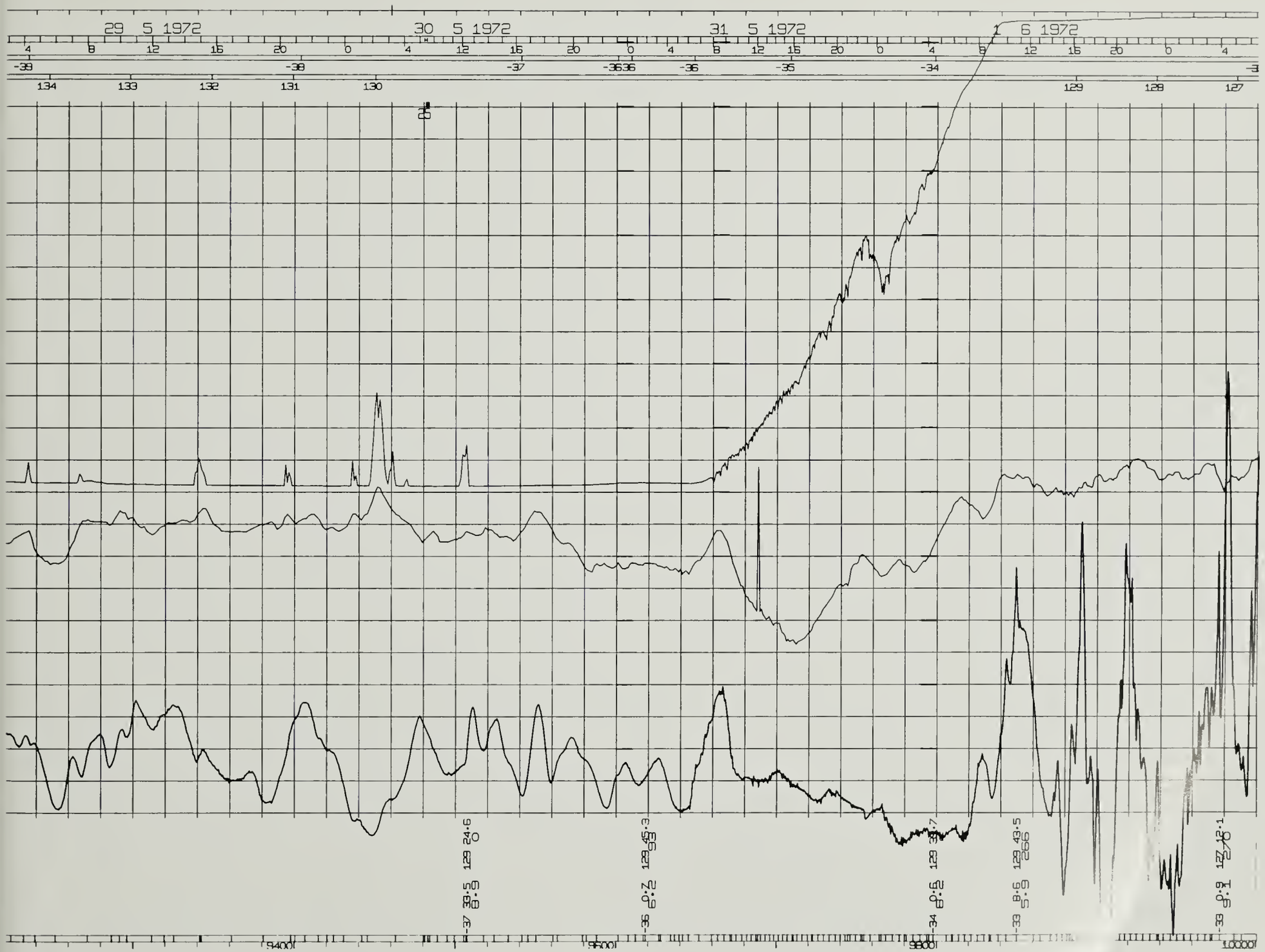
ELT 53



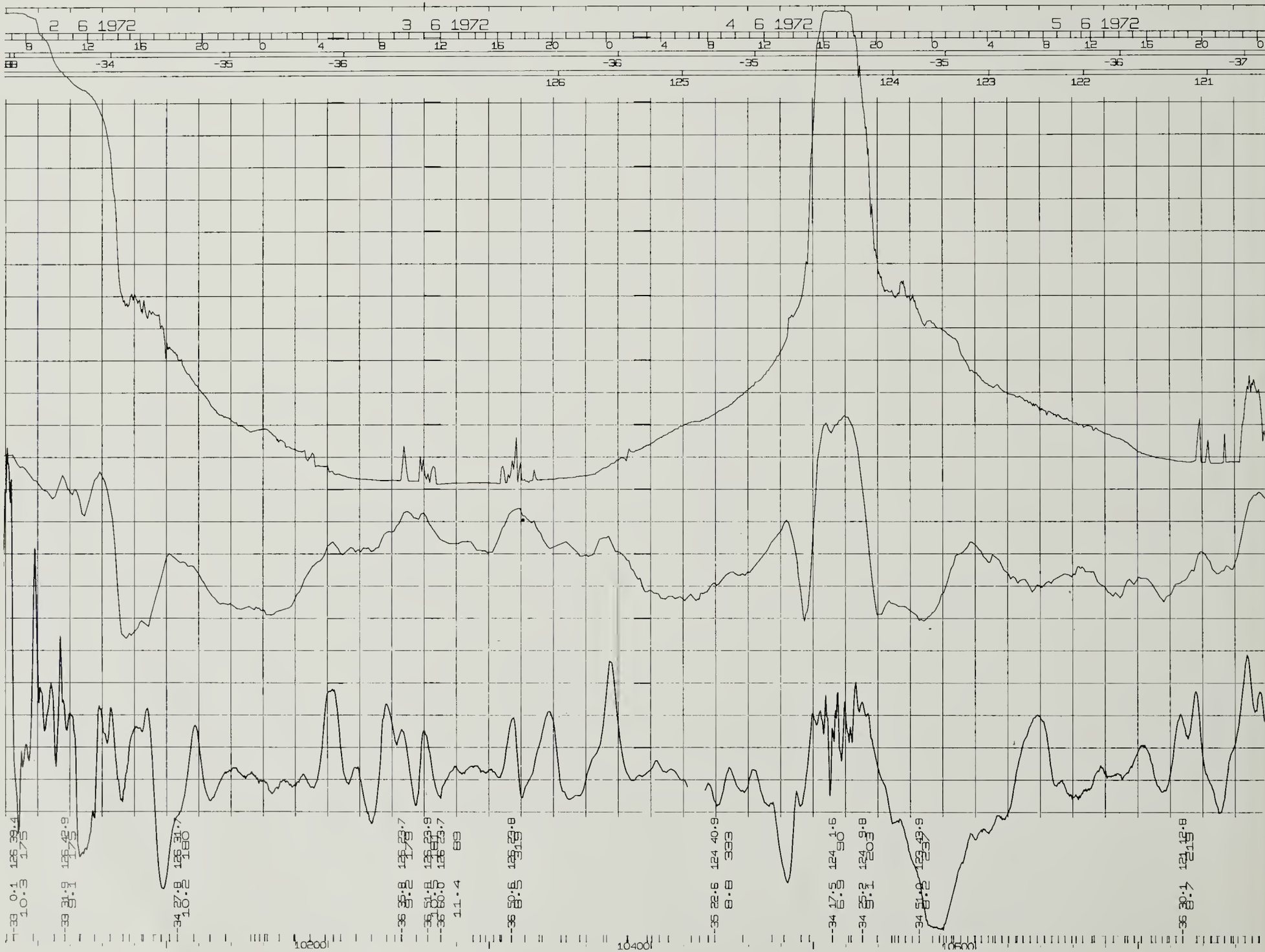
ELT 53

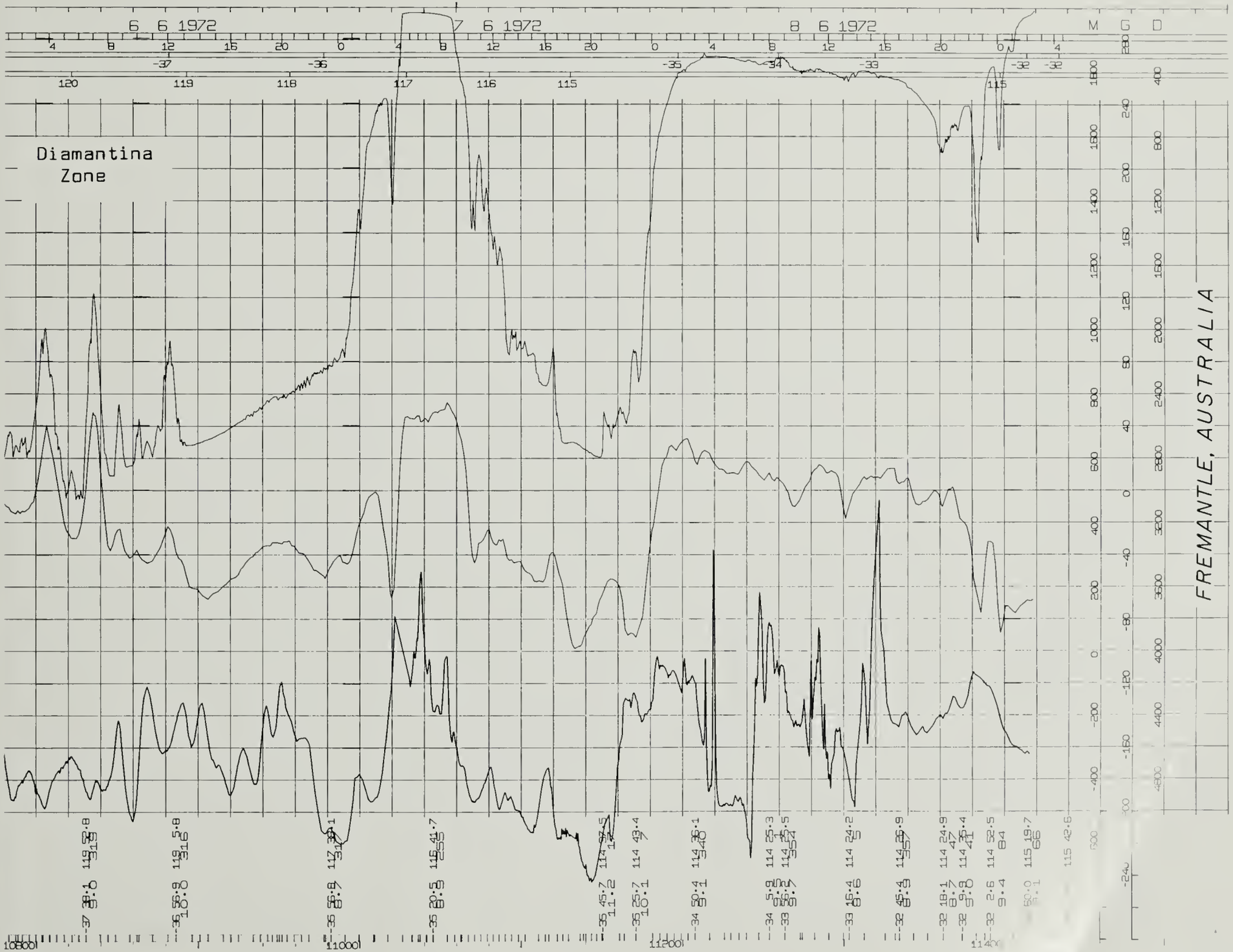


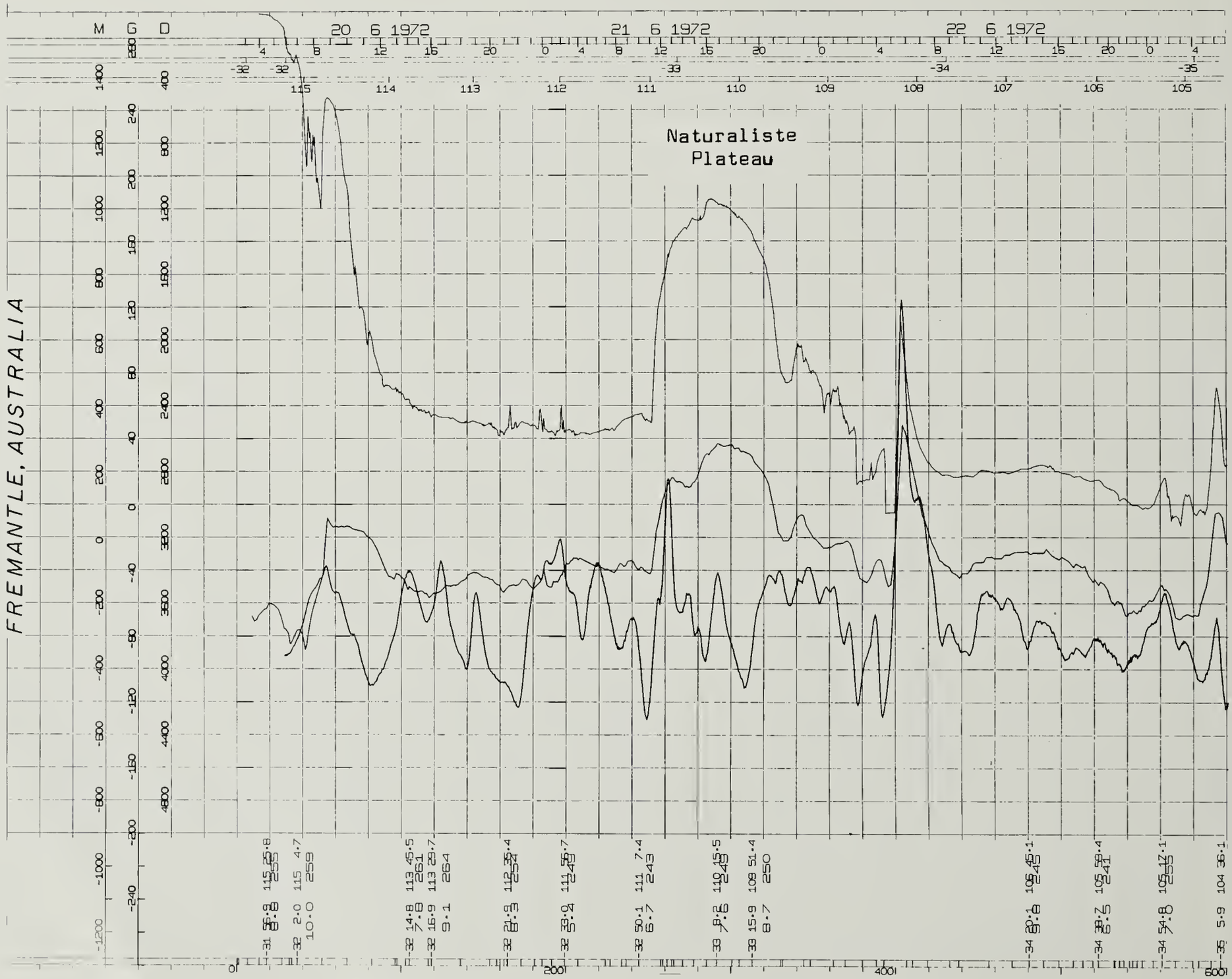
ELT 53



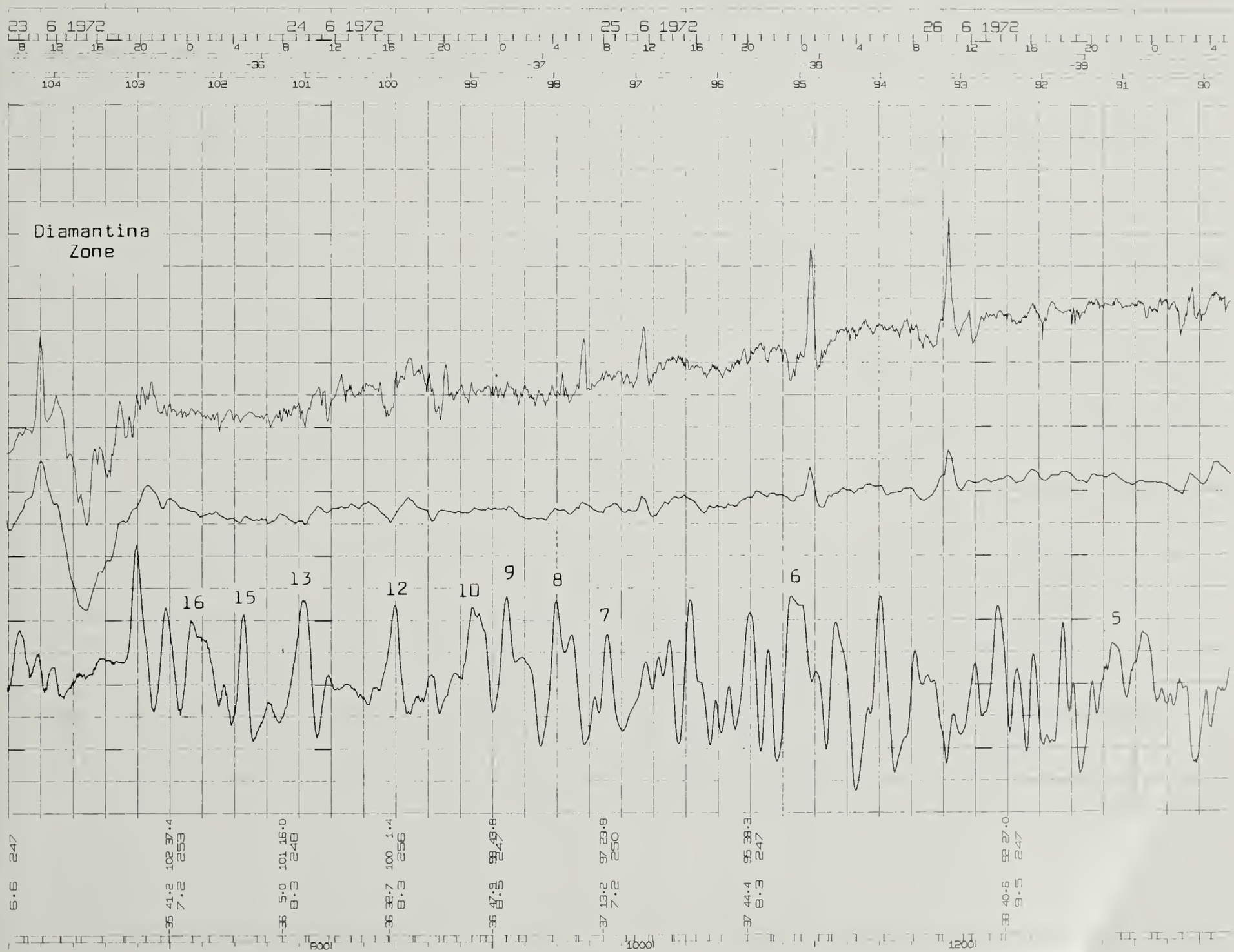
ELT 53

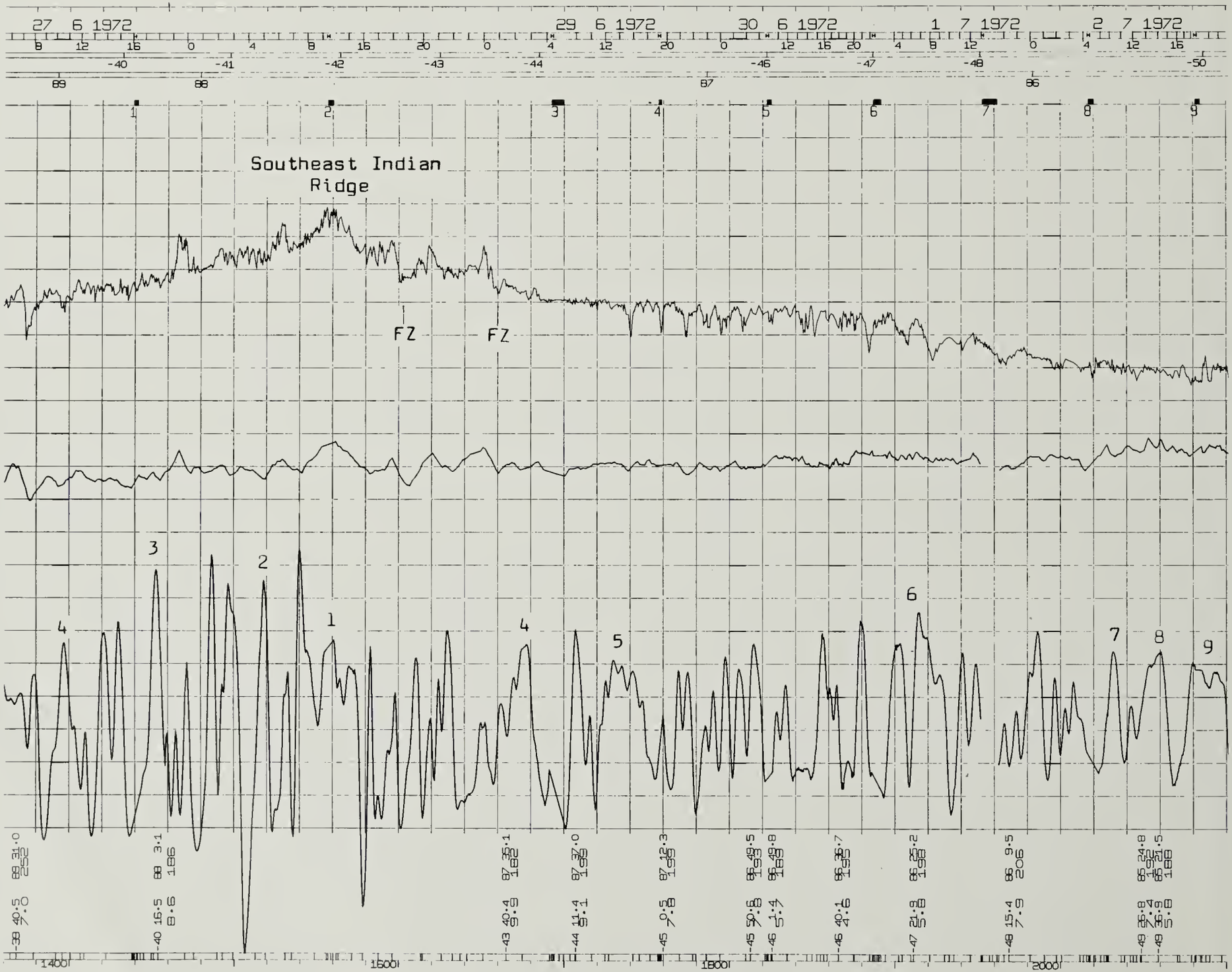



6 6 1972
7 6 1972
8 6 1972
Diamantina
Zone
FREMANTLE, AUSTRALIA

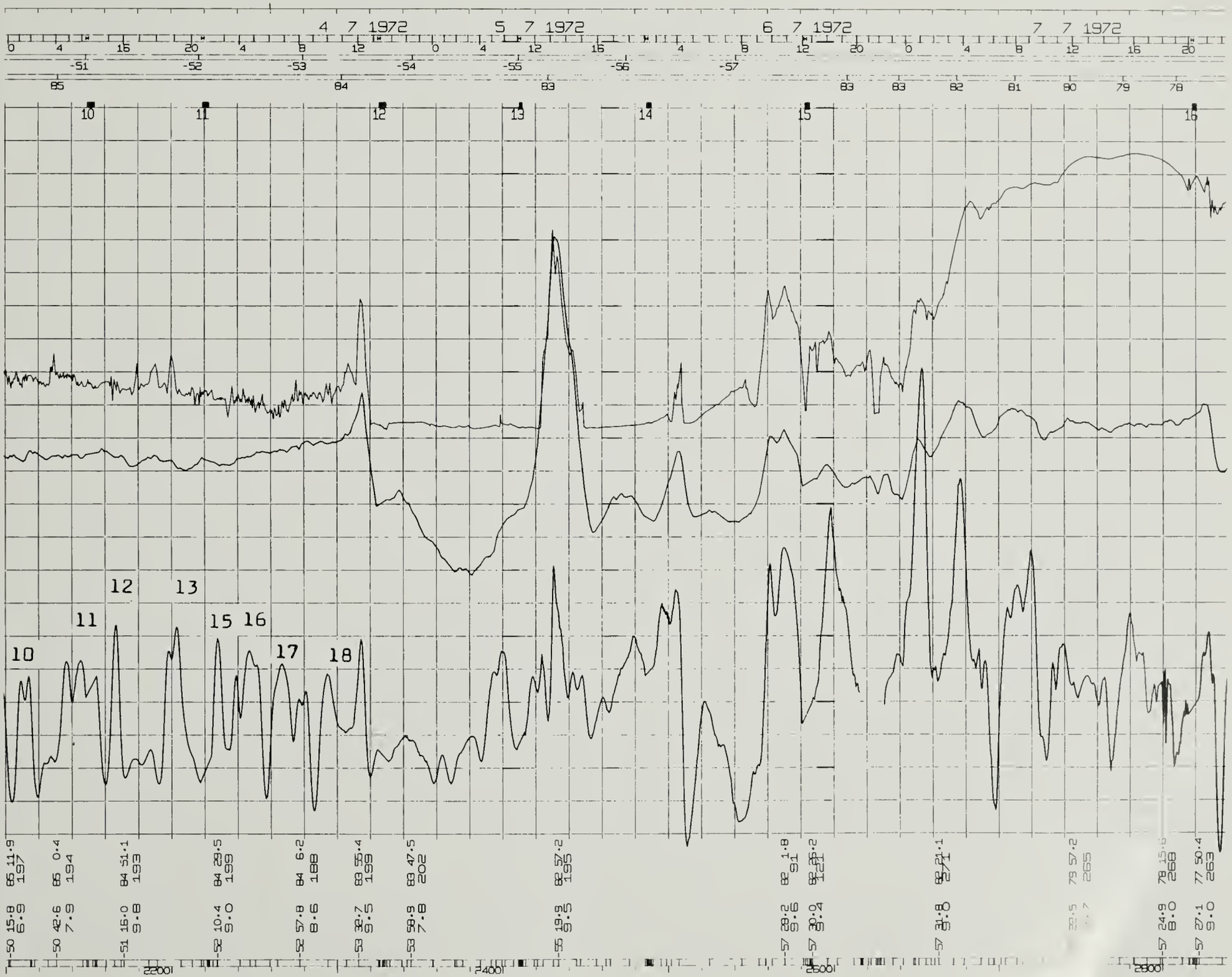

M G D
20 6 1972
21 6 1972
22 6 1972
Naturaliste
Plateau
FREMANTLE, AUSTRALIA

ELT 54

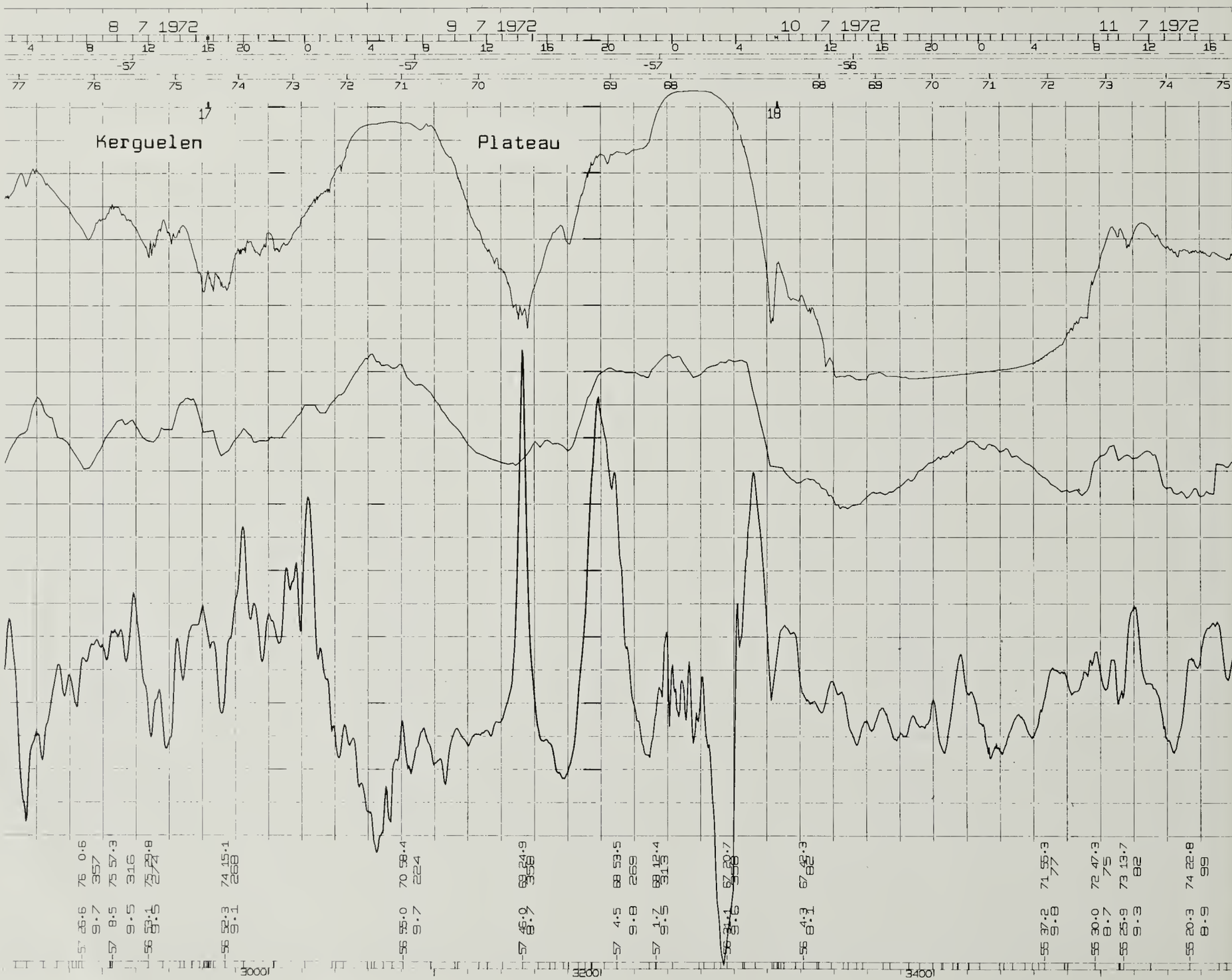

23 6 1972
24 6 1972
25 6 1972
26 6 1972
Diamantina Zone
16
15
13
12
10
9
8
7
6
5


27 6 1972
29 6 1972
30 6 1972
1 7 1972
2 7 1972
Southeast Indian Ridge
FZ
FZ
1
2
3
4
5
6
7
8
9

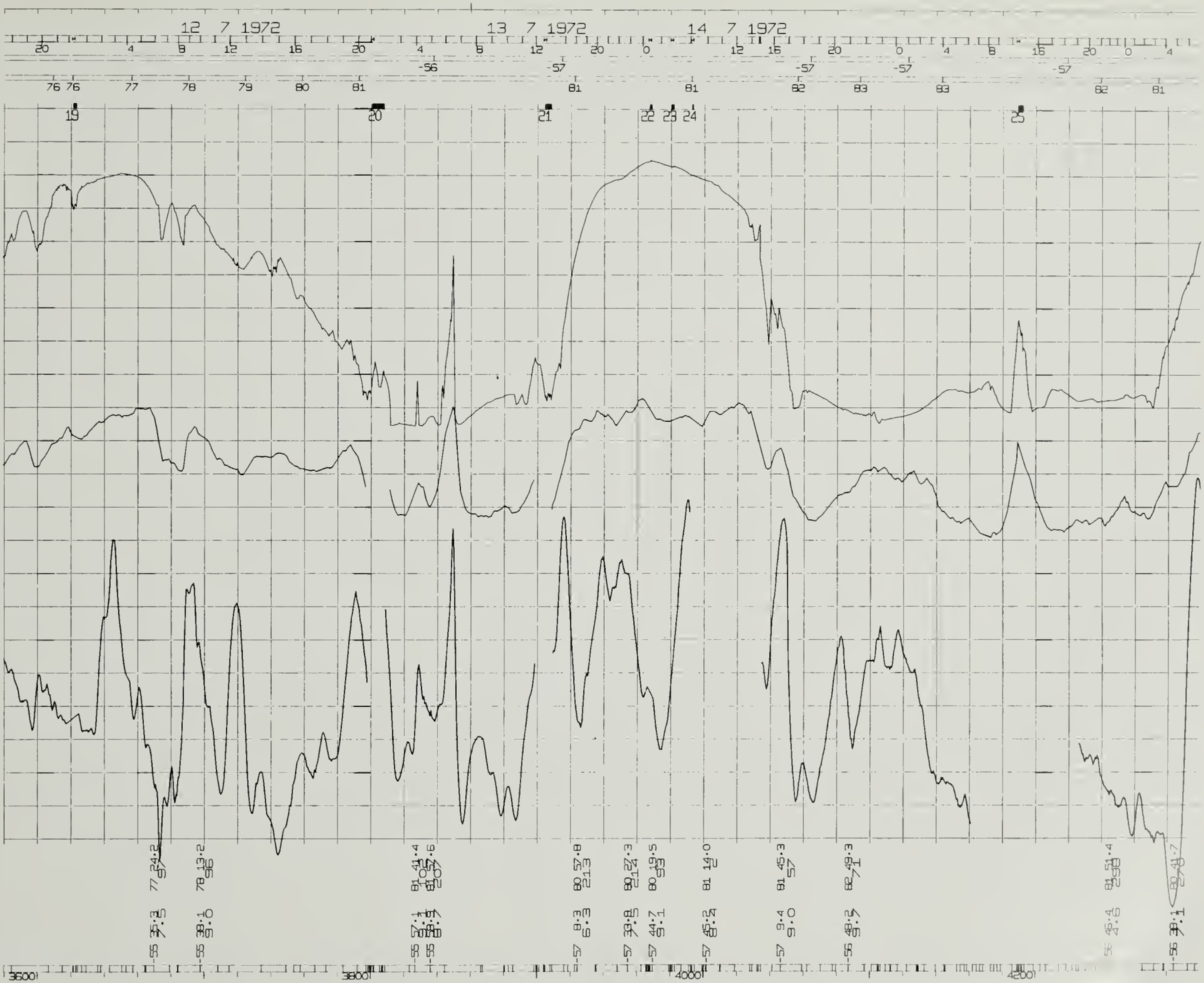
ELT 54

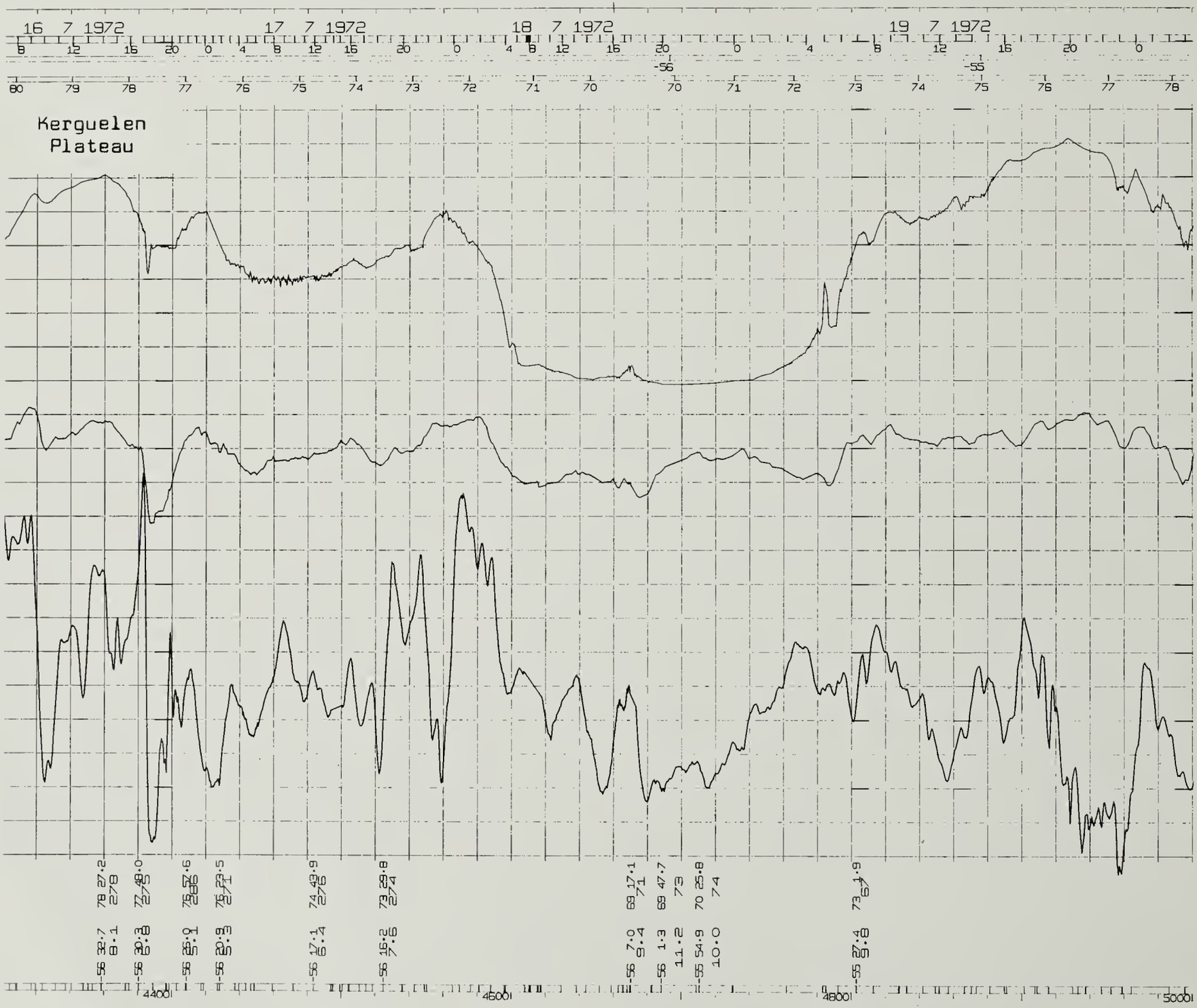

4 7 1972
5 7 1972
6 7 1972
7 7 1972
10
11
12
13
14
15
16
10
11
12
13
15 16
17
18

ELT 54

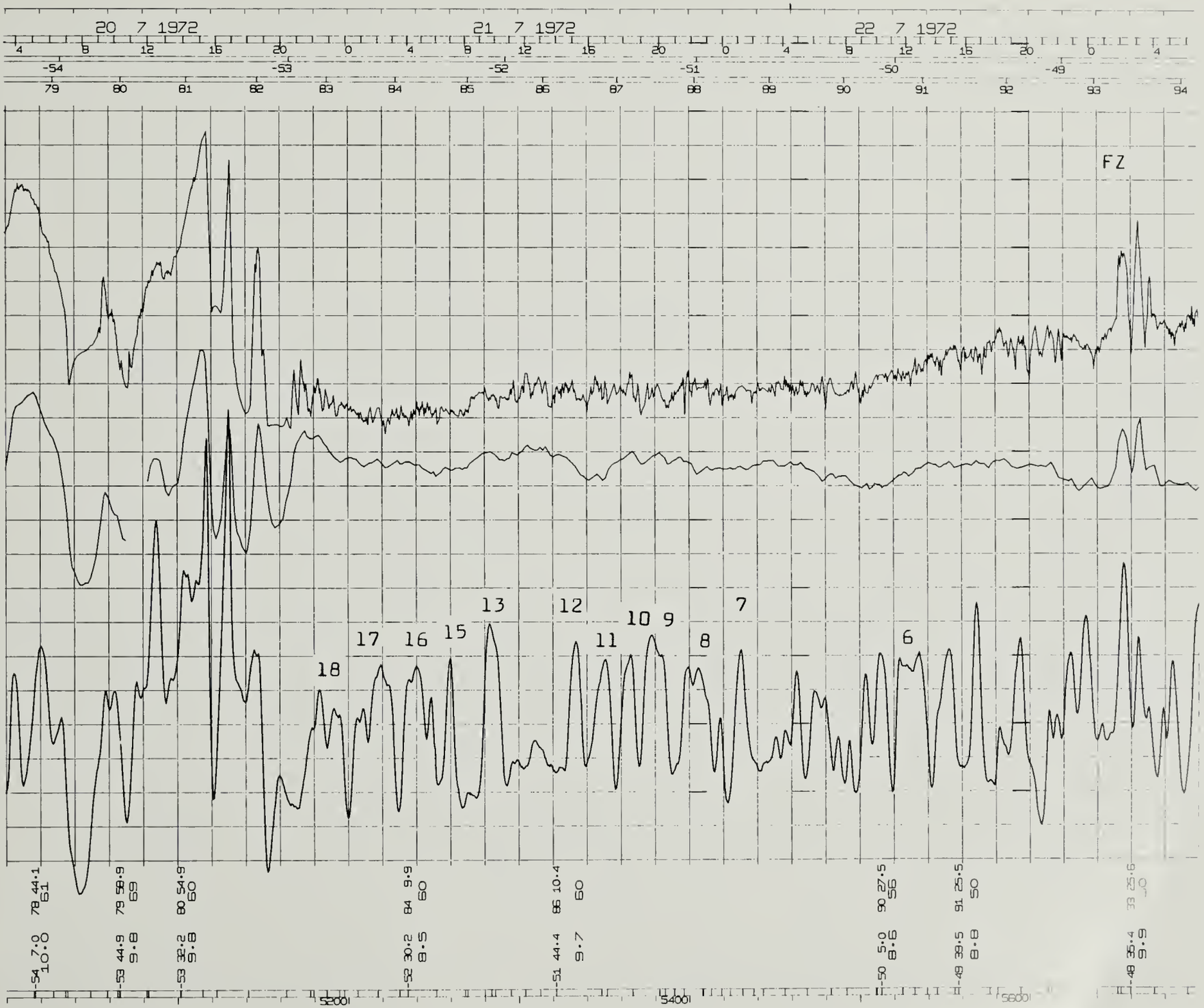

8 7 1972
9 7 1972
10 7 1972
11 7 1972
Kerguelen
Plateau
17
18
3000
3200
3400

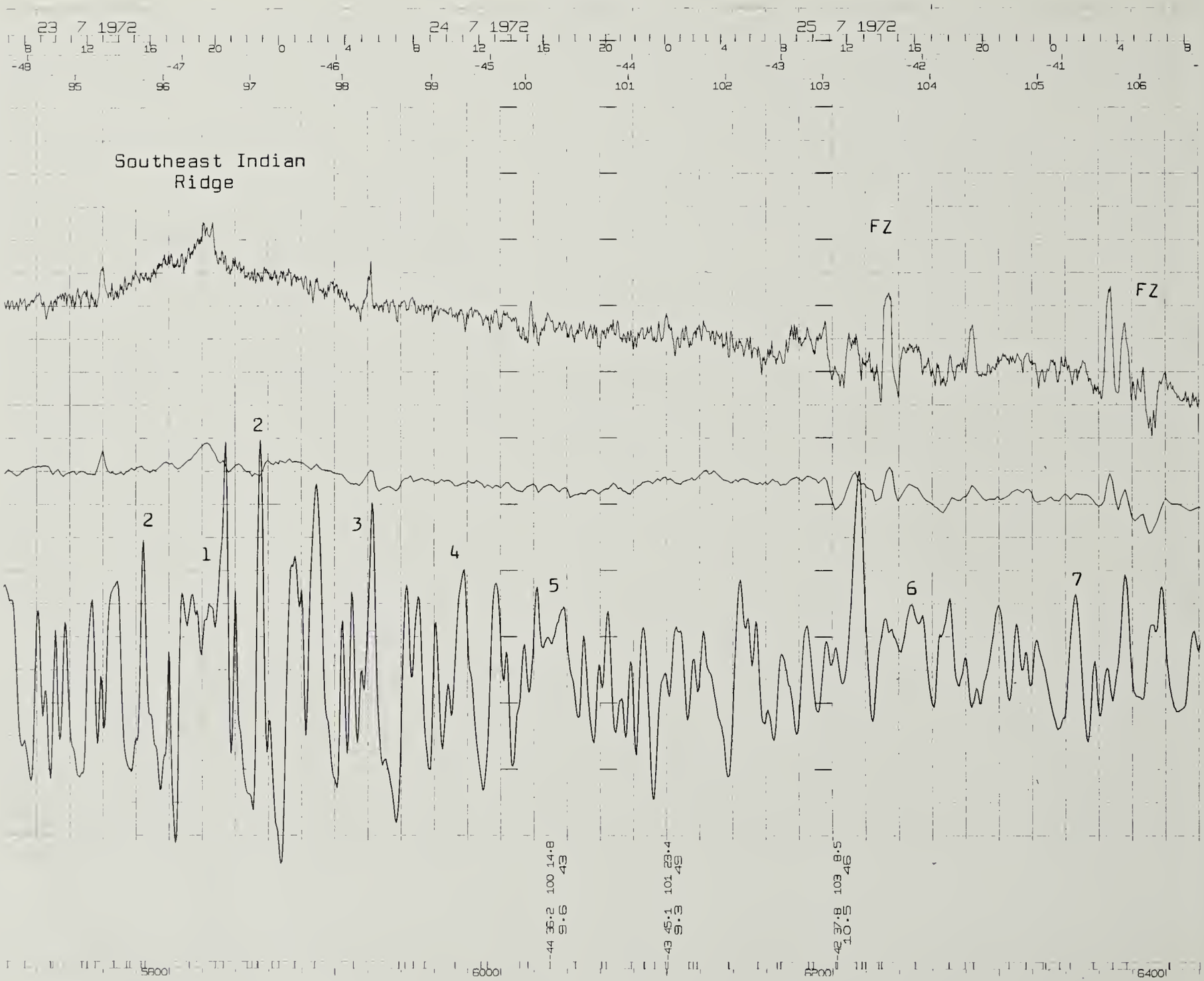
ELT 54

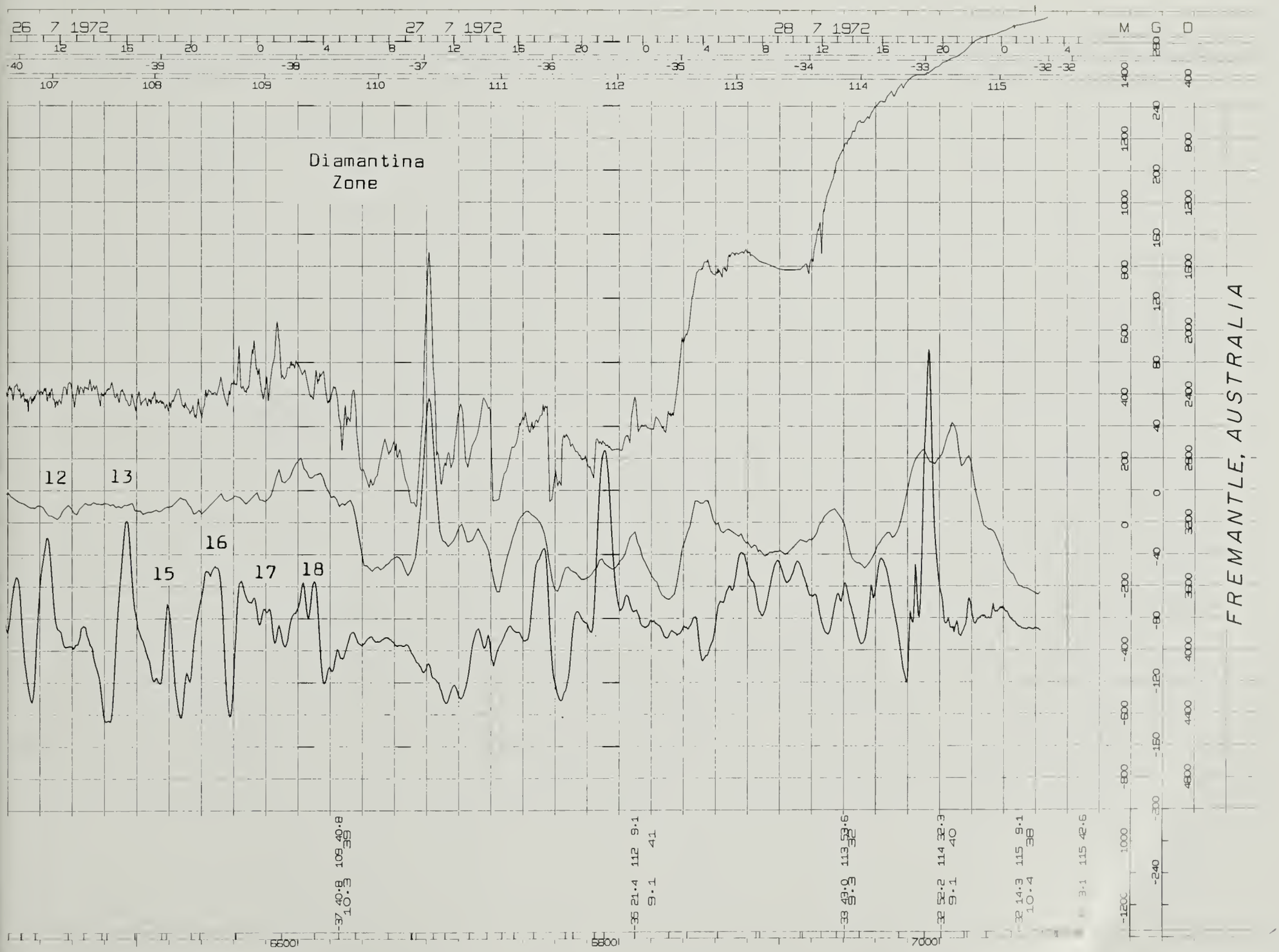

12 7 1972
13 7 1972
14 7 1972
19
20
21
22
23
24
25
3600
3800
4000
4200


16 7 1972
17 7 1972
18 7 1972
19 7 1972
Kerguelen
Plateau

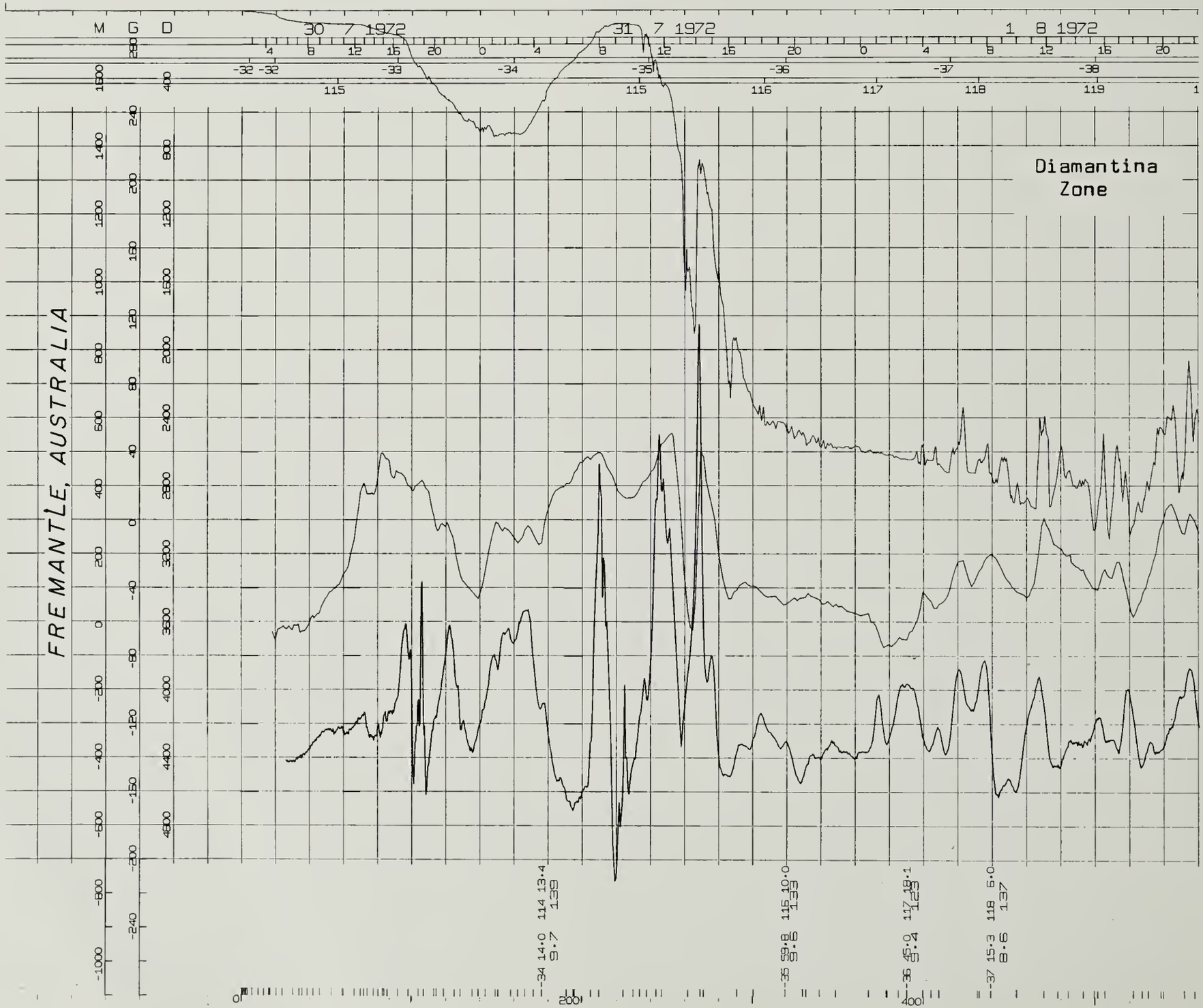
ELT 54



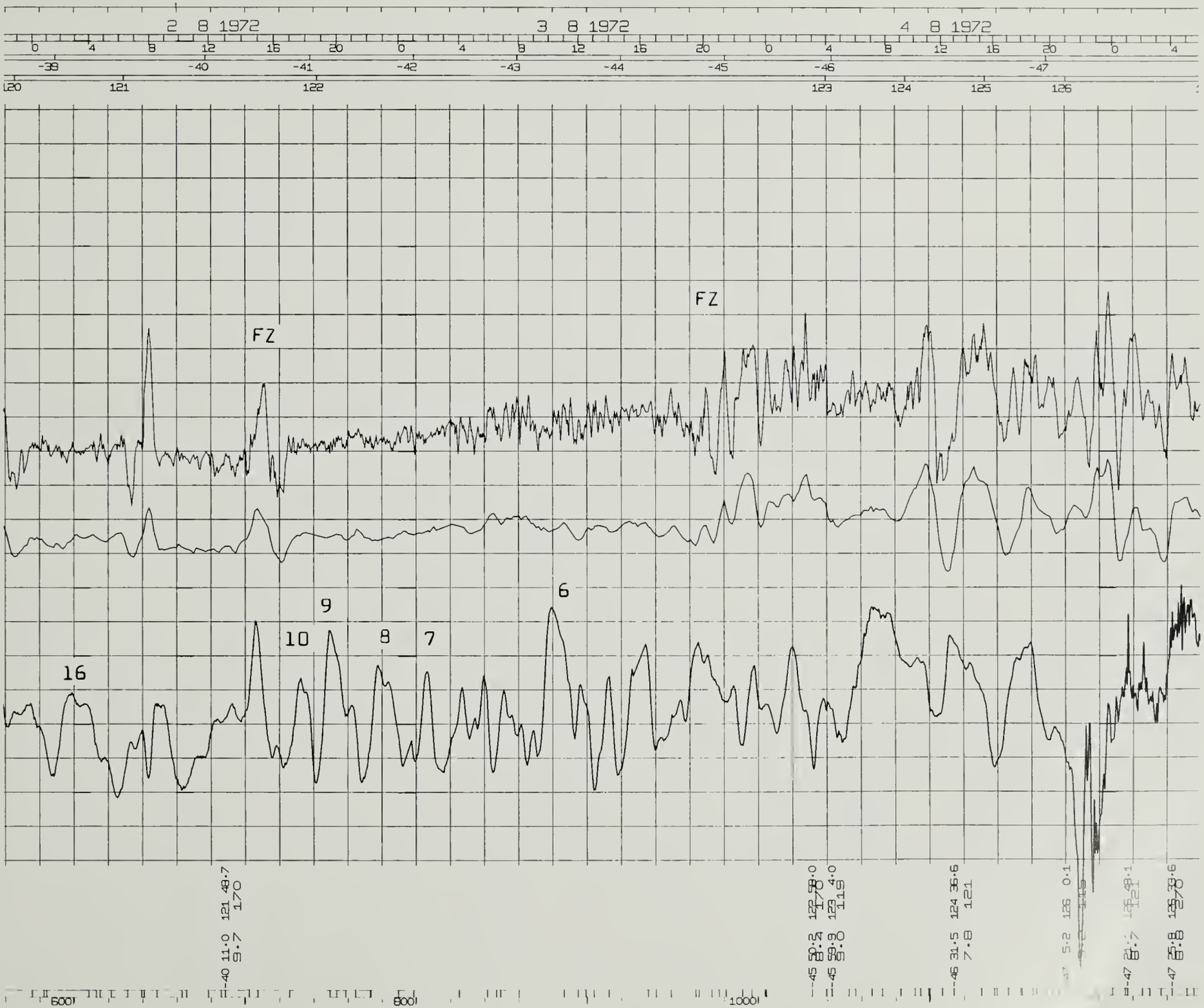

23 7 1972
24 7 1972
25 7 1972
Southeast Indian Ridge
FZ
FZ
1
2
2
2
3
4
5
6
7
-44 35·2 100 14·8
9.6
43
-43 45·1 101 23·4
9.3
45
-42 37·8 103 8·5
10.5
46
58001
60001
62001
64001


26 7 1972
27 7 1972
28 7 1972
Diamantina
Zone
12
13
15
16
17
18
FREMANTLE, AUSTRALIA

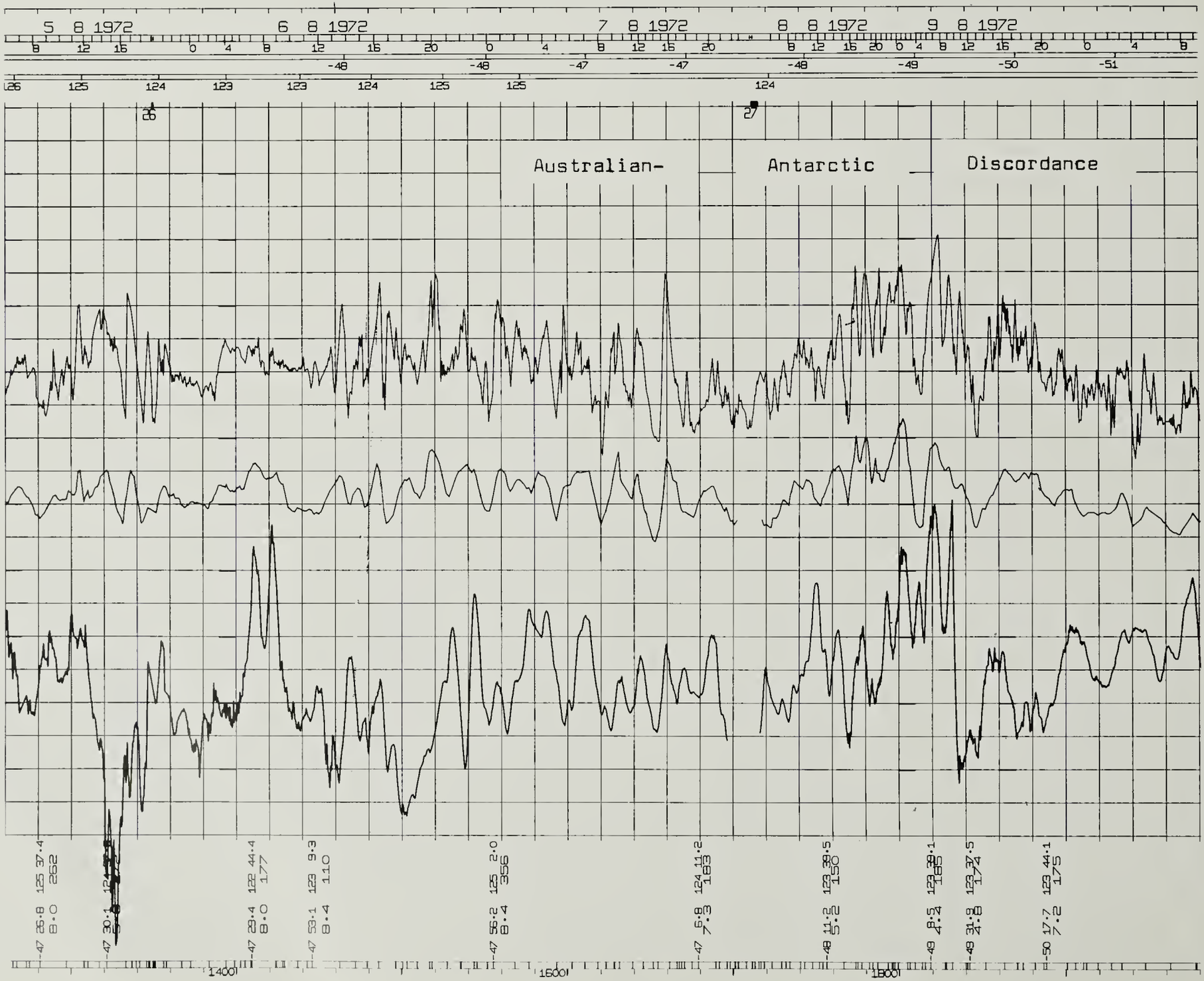
ELT 54A


M G D
30 7 1972
31 7 1972
1 8 1972
Diamantina Zone
FREMANTLE, AUSTRALIA

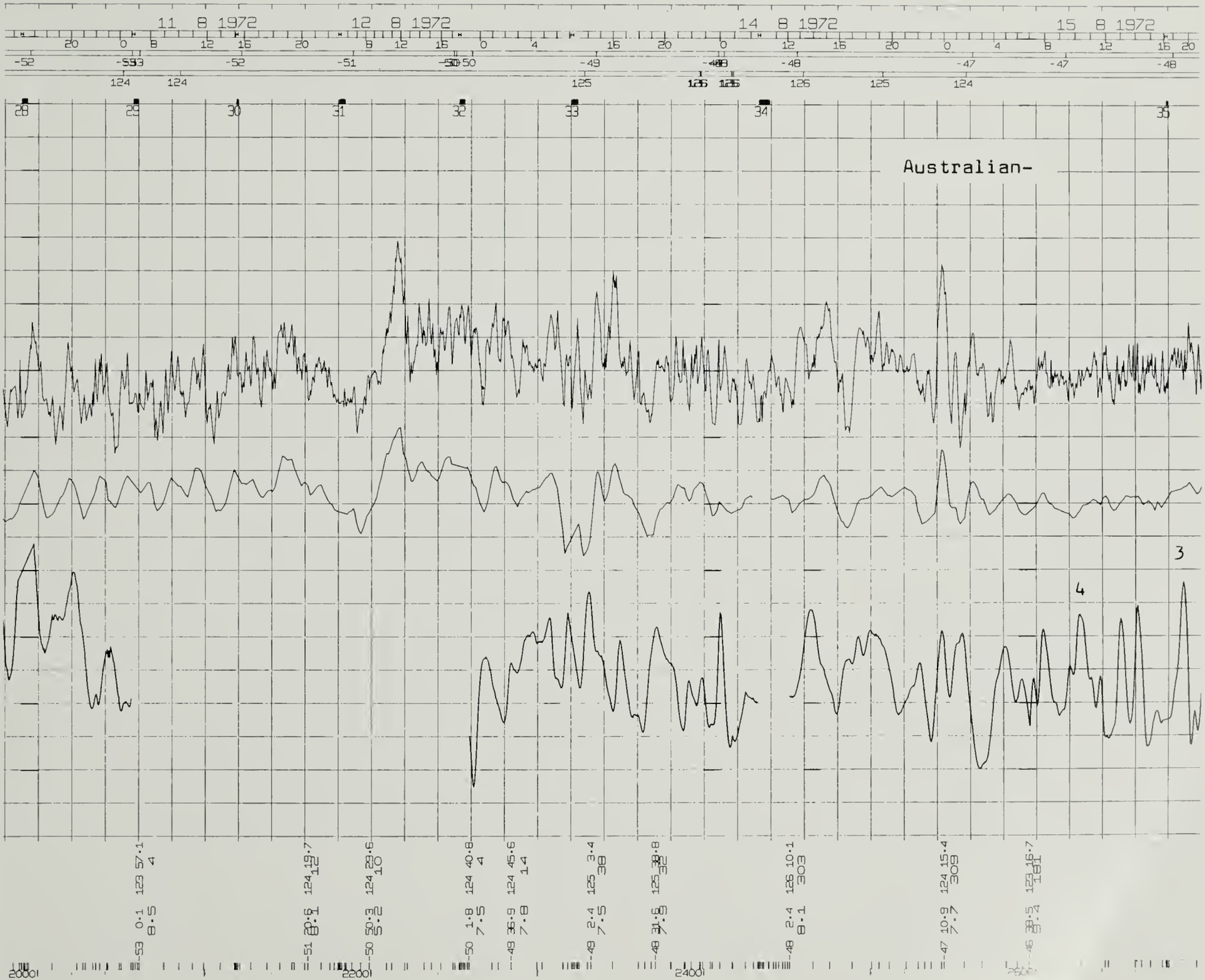
ELT 54A



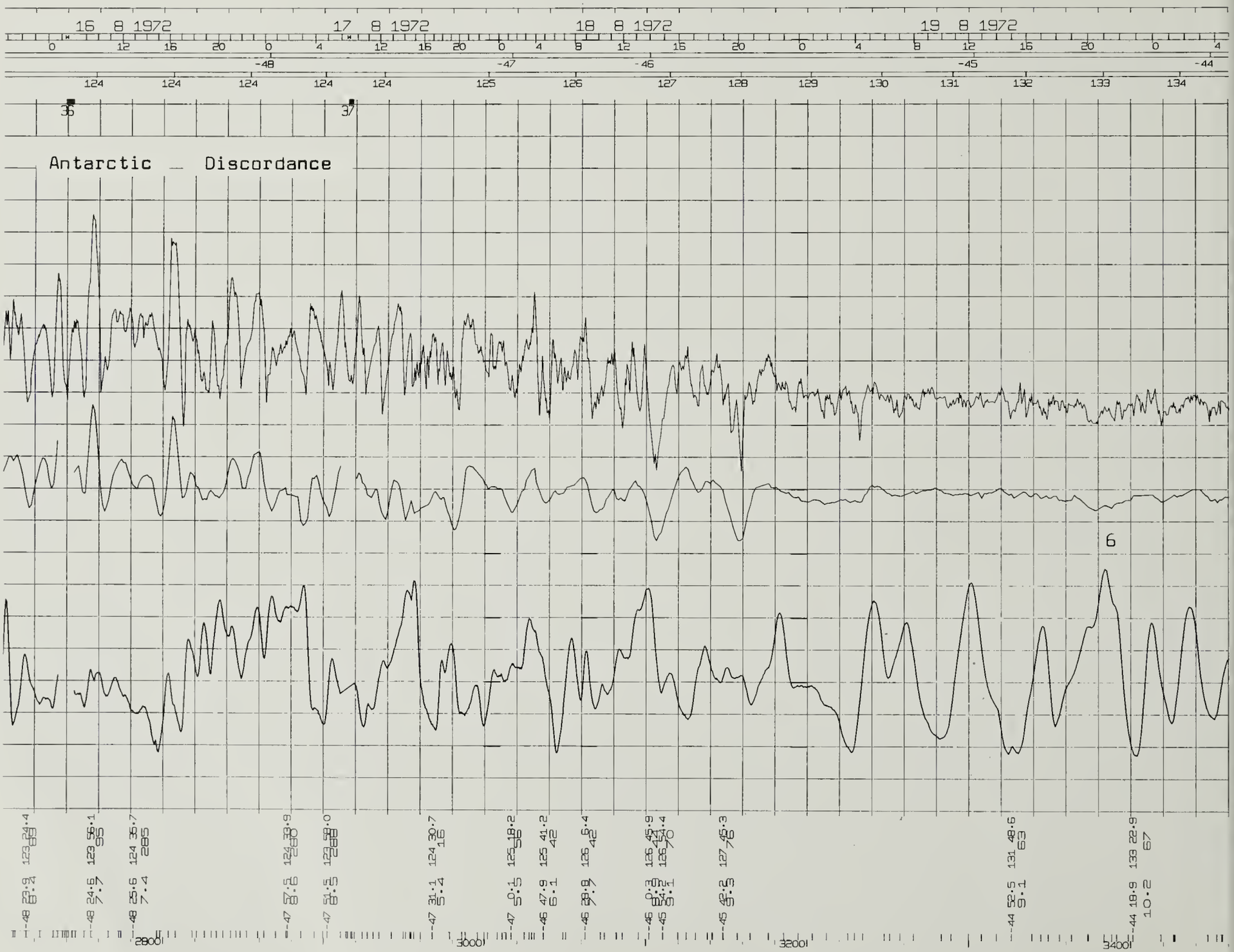
ELT 54A


5 8 1972
6 8 1972
7 8 1972
8 8 1972
9 8 1972
Australian-
Antarctic
Discordance
1400
1500
1600

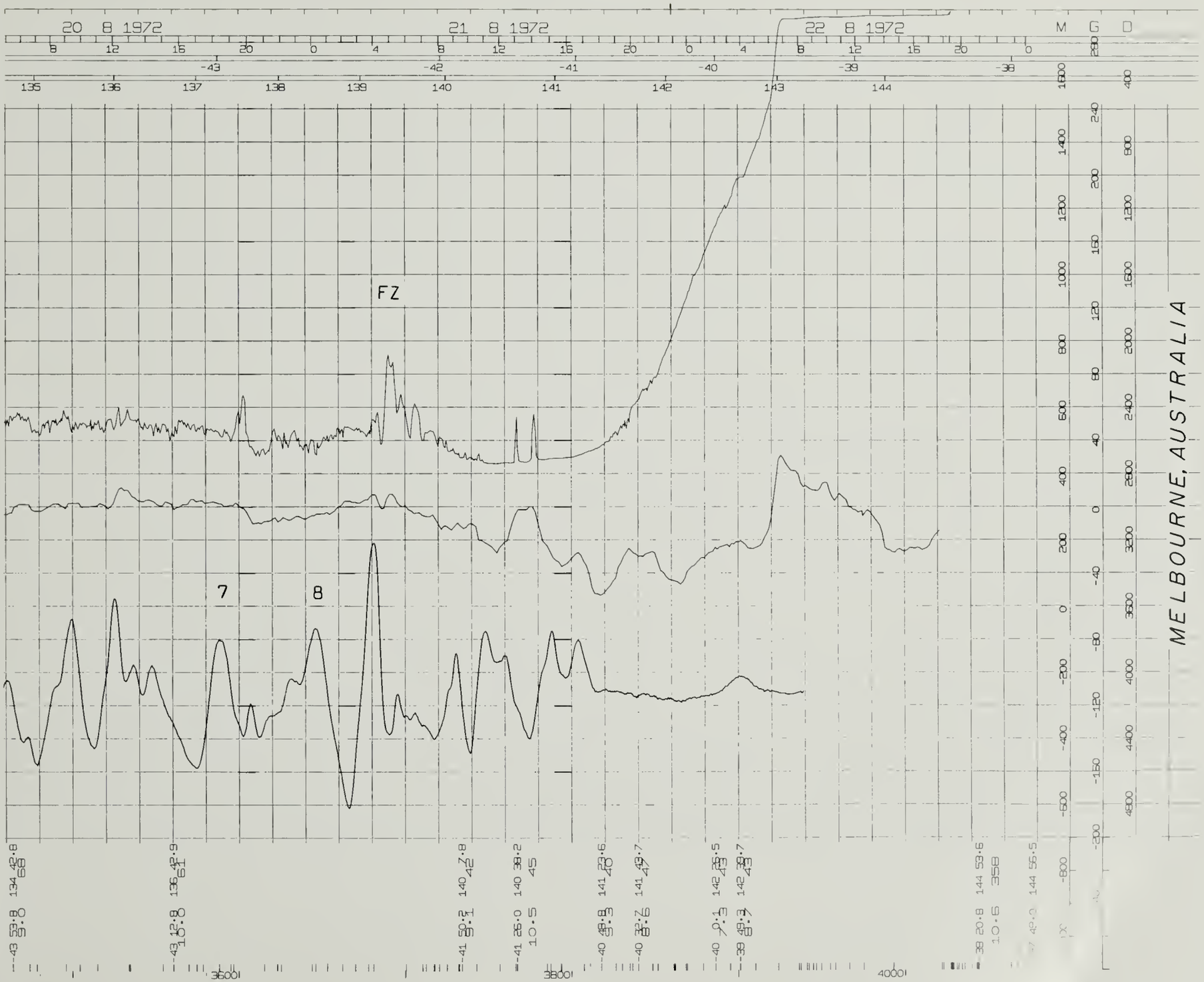
ELT 54A


11 8 1972
12 8 1972
14 8 1972
15 8 1972
Australian-
3
4
20001
22001
2400

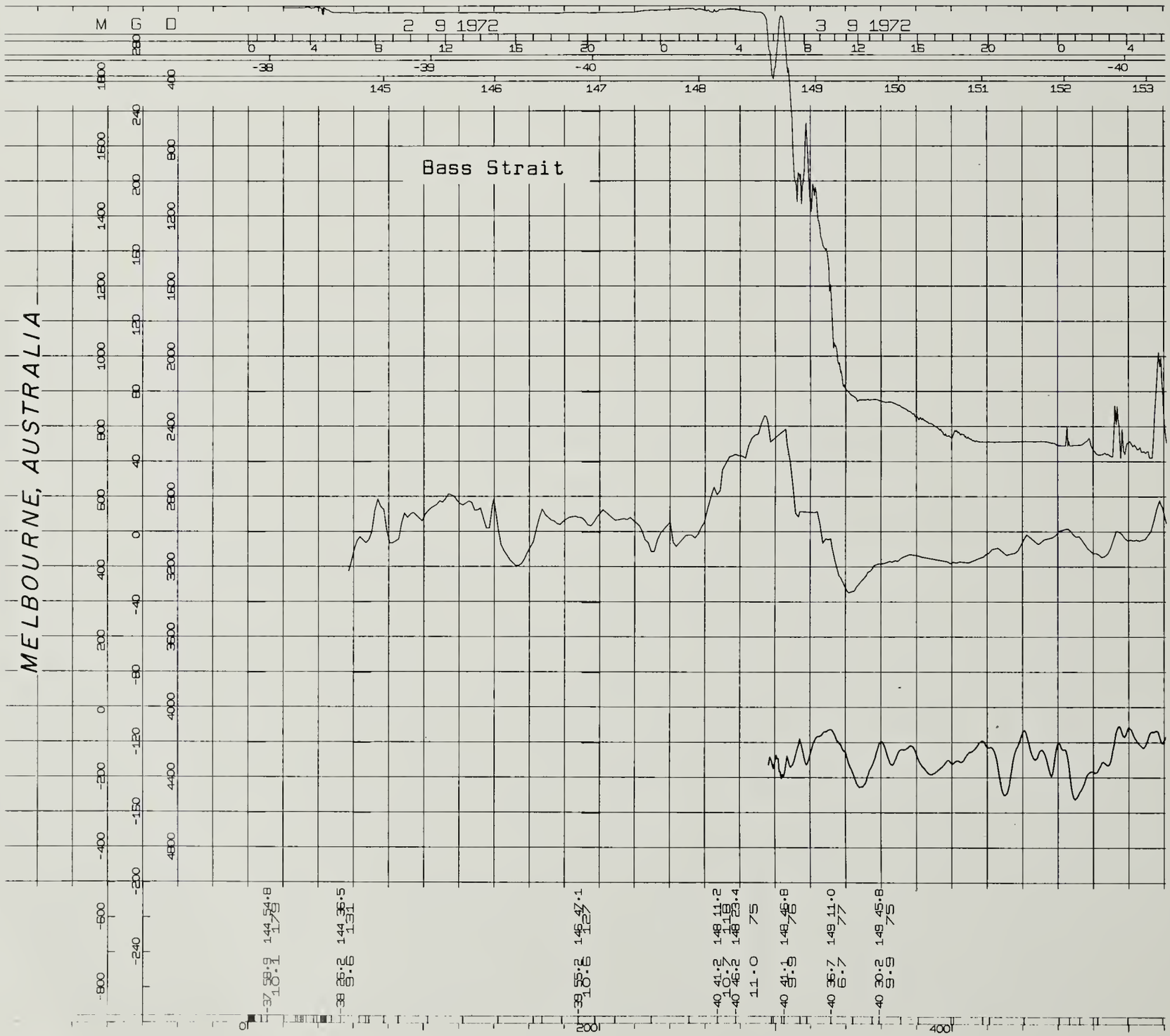
ELT 54A


16 8 1972
17 8 1972
18 8 1972
19 8 1972
Antarctic Discordance
6
2800
3000
3200
3400

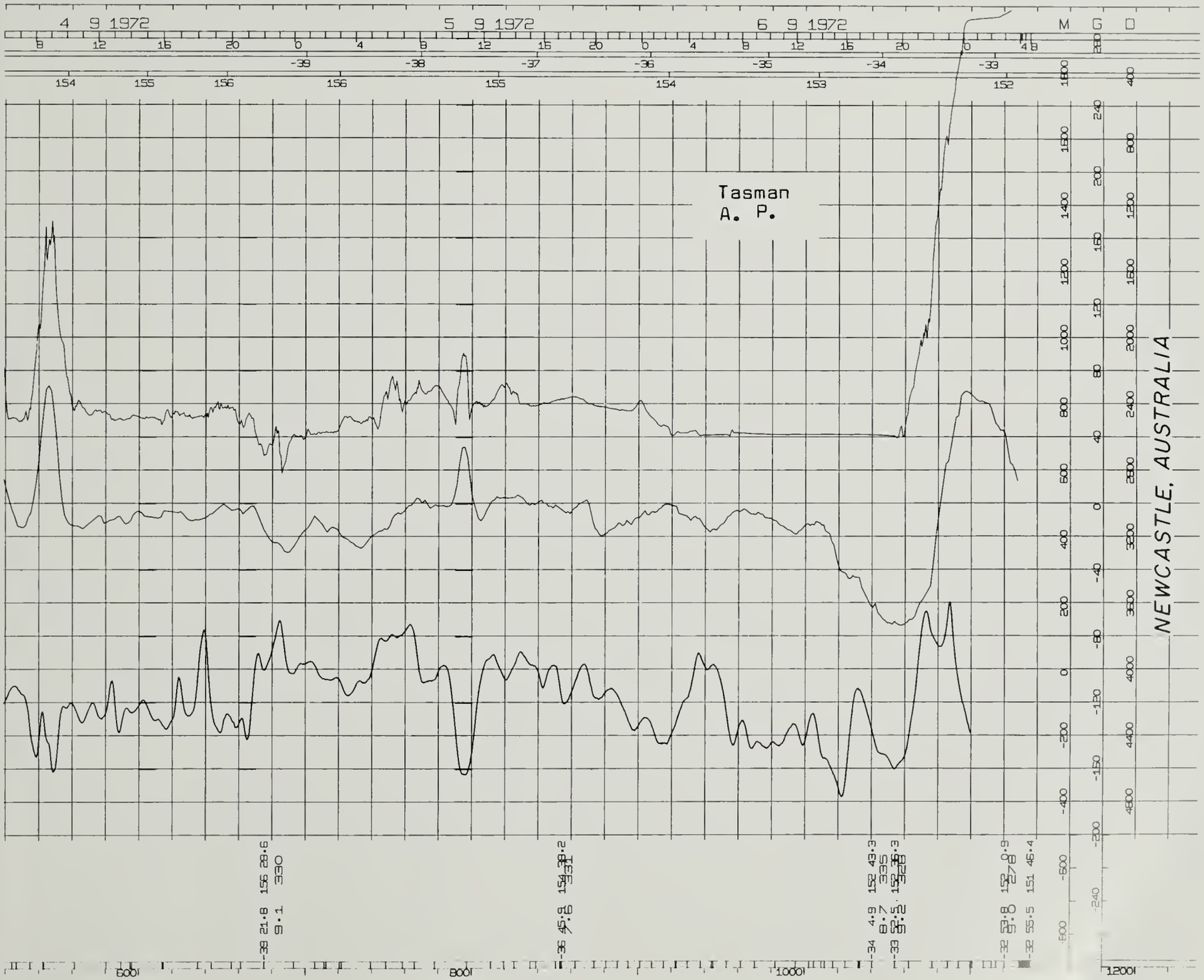
ELT 54A



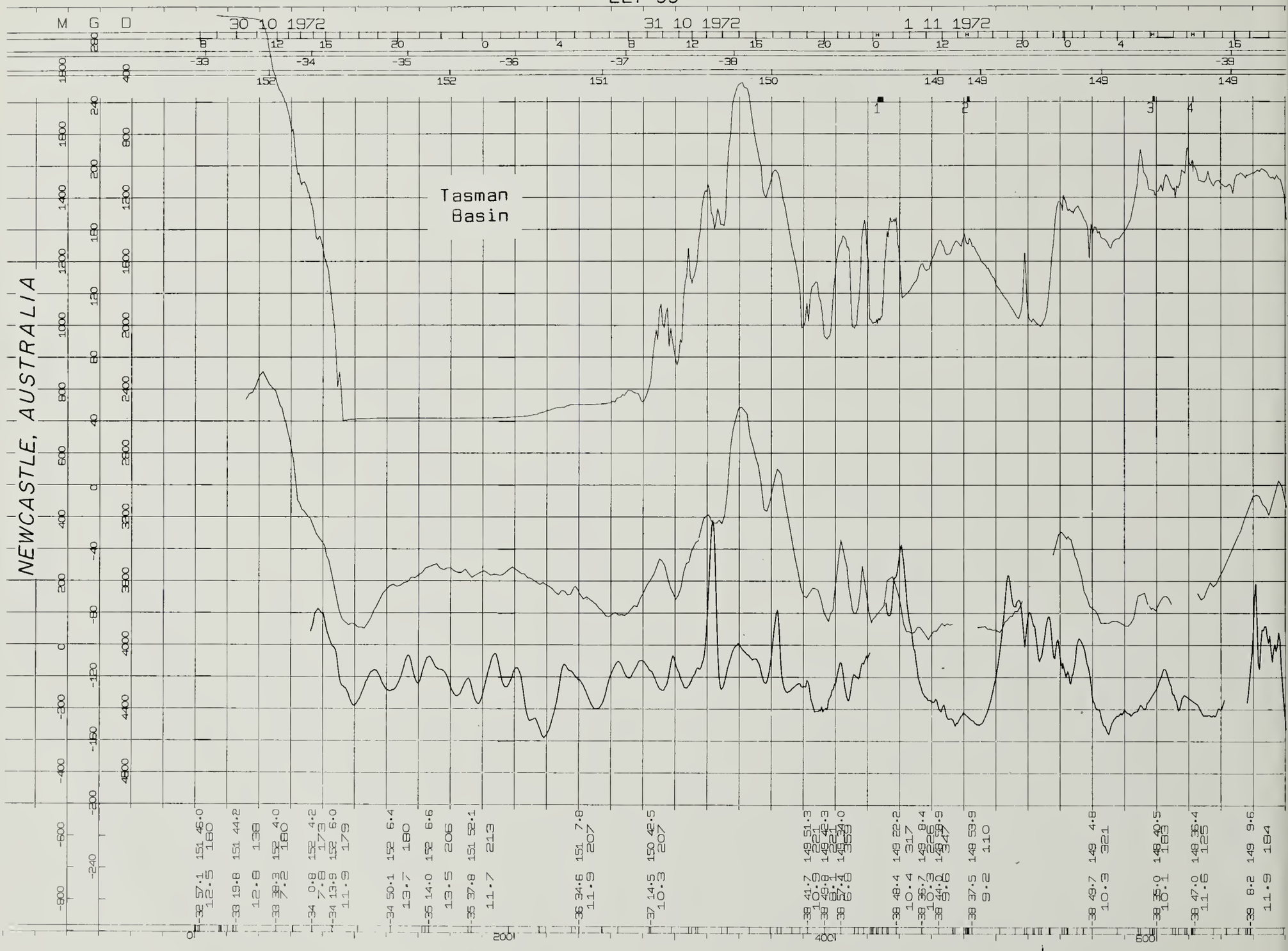
ELT 54B



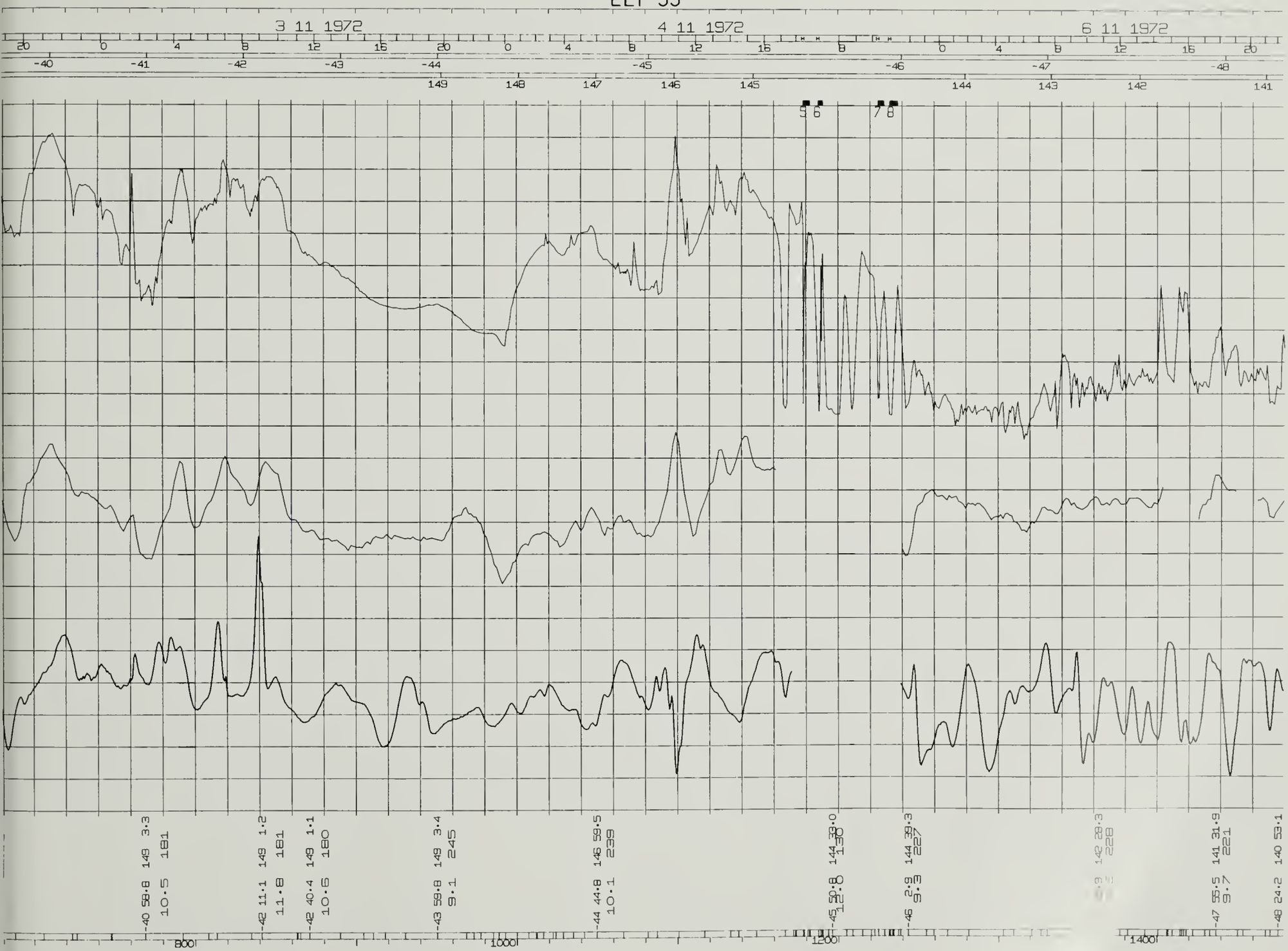
ELT 54B

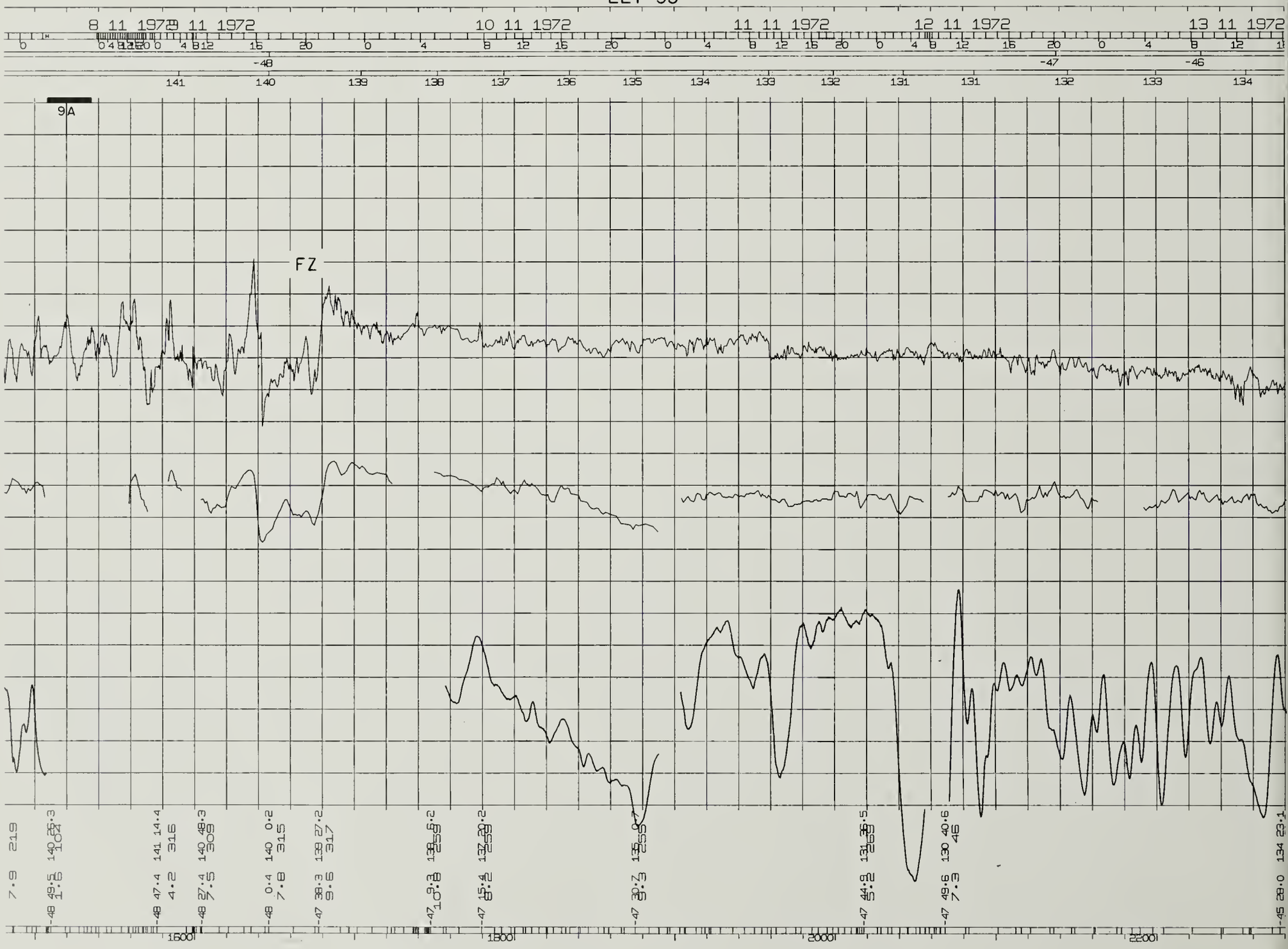


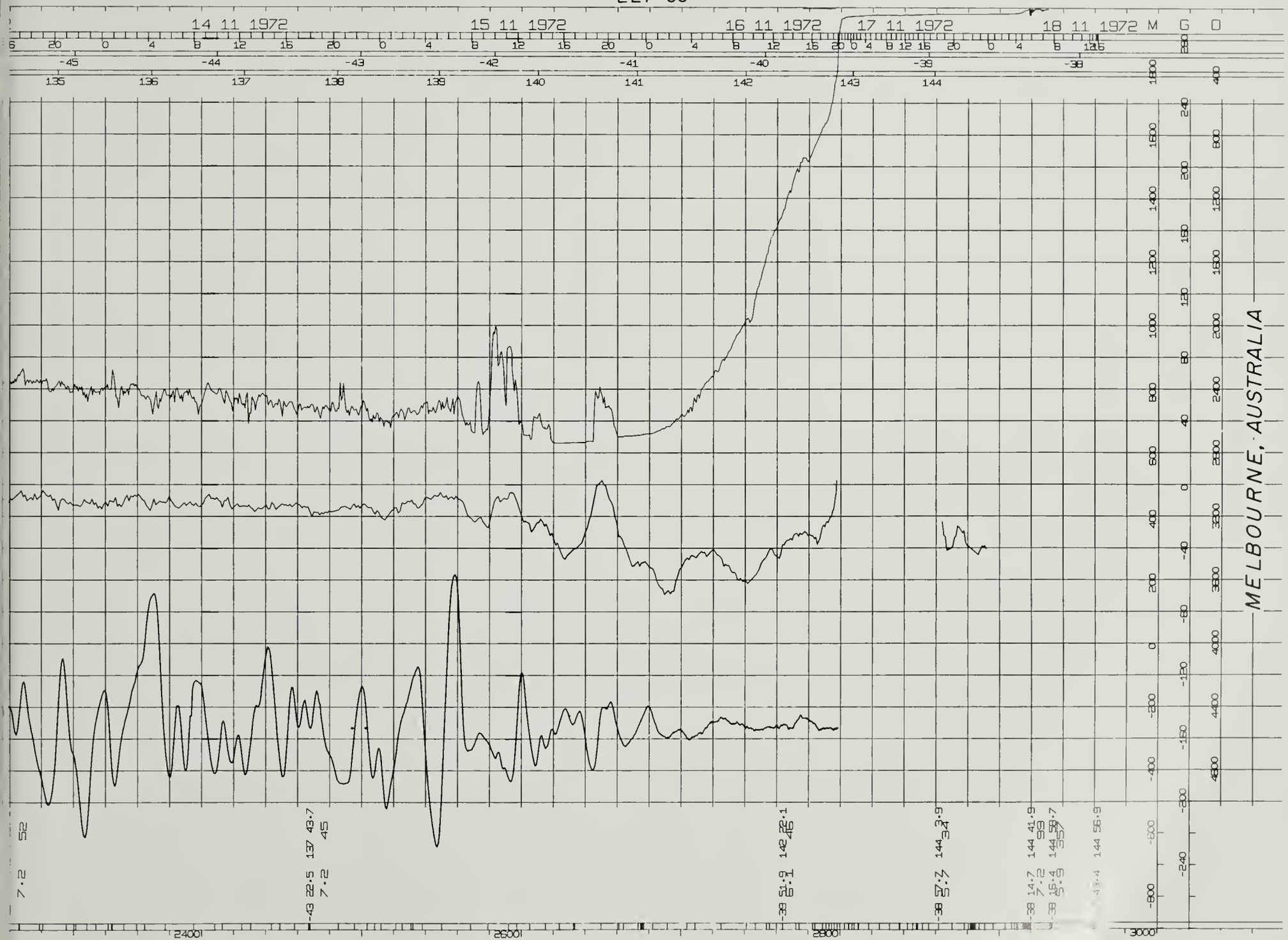
ELT 55


M G D
30 10 1972
31 10 1972
1 11 1972
Tasman
Basin
NEWCASTLE, AUSTRALIA

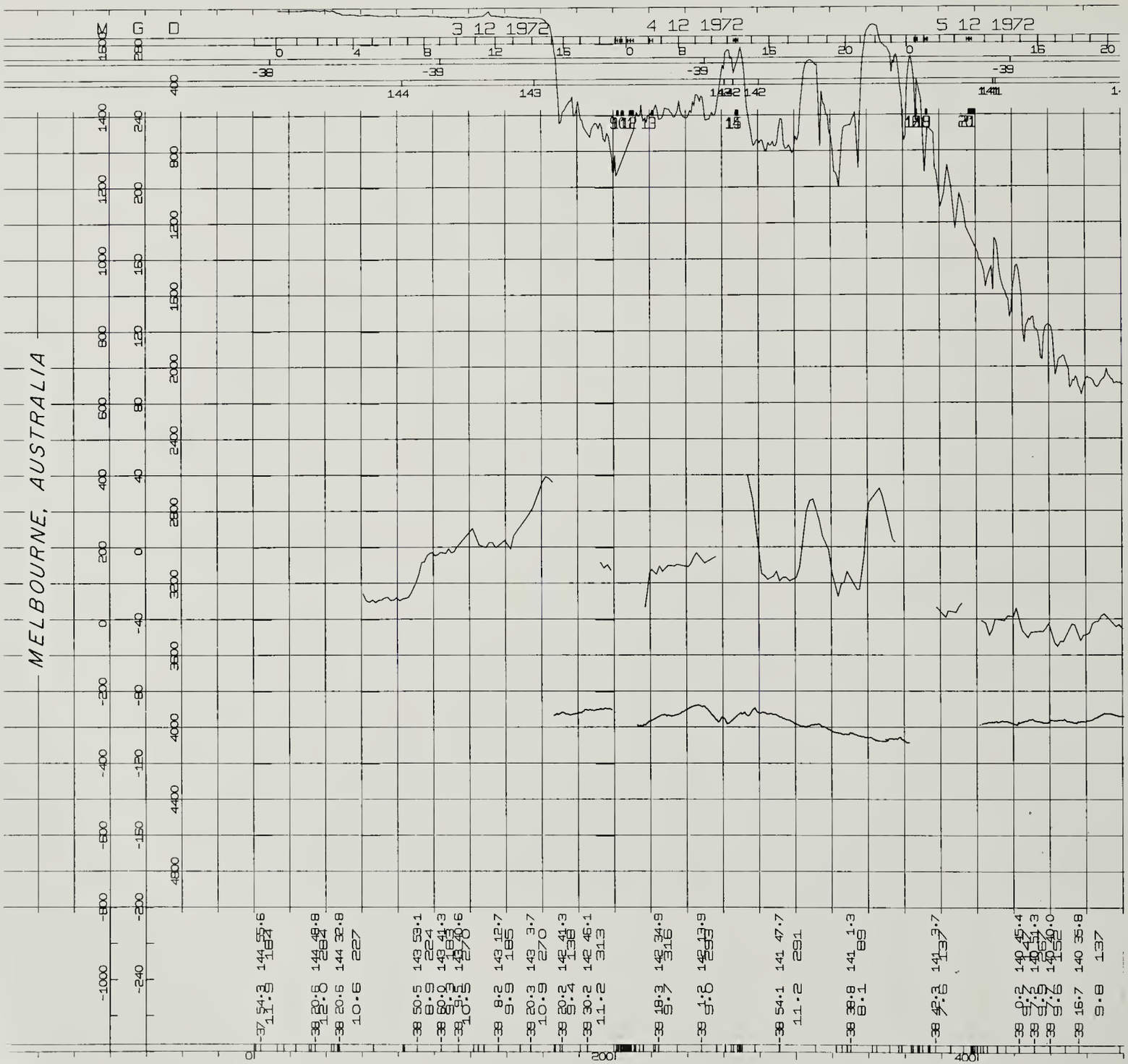
ELT 55


3 11 1972
4 11 1972
6 11 1972
5 6
7 8
-40 58·8 149 3·3
10·5 181
-42 11·1 149 1·2
11·8 181
-42 40·4 149 1·1
10·6 180
-43 59·8 149 3·4
9·1 245
-44 44·8 146 59·5
10·1 239
-45 50·8 144 33·0
12·0 130
-46 2·9 144 39·3
9·3 227
-47 55·5 141 31·9
9·7 221
-48 24·2 140 53·1
800
1000
1200
1400

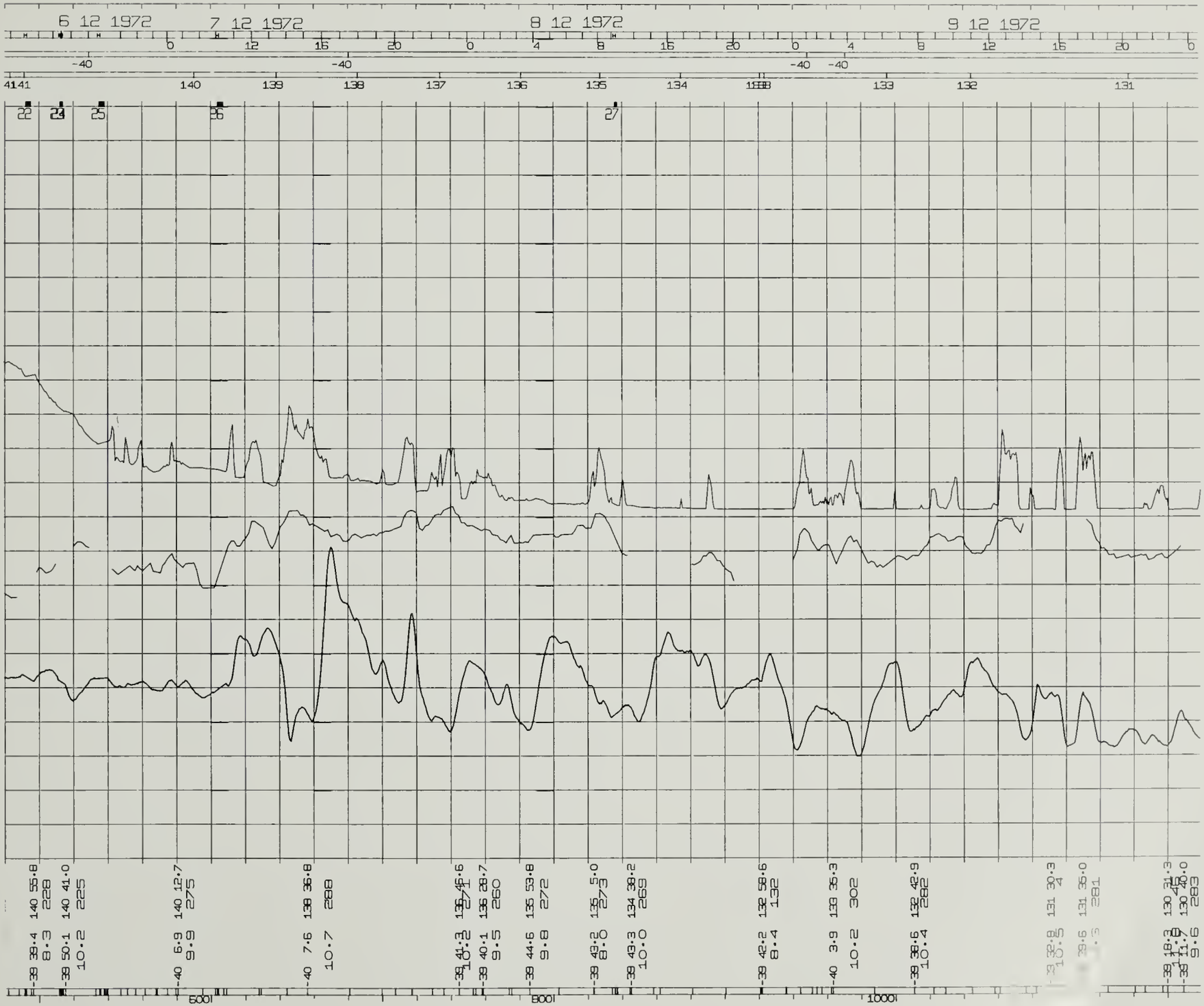

ELT 55
8 11 1972
9 11 1972
10 11 1972
11 11 1972
12 11 1972
13 11 1972
9A
FZ
1500
1800
2000
2200


ELT 55
14 11 1972
15 11 1972
16 11 1972
17 11 1972
18 11 1972
M G D
MELBOURNE, AUSTRALIA

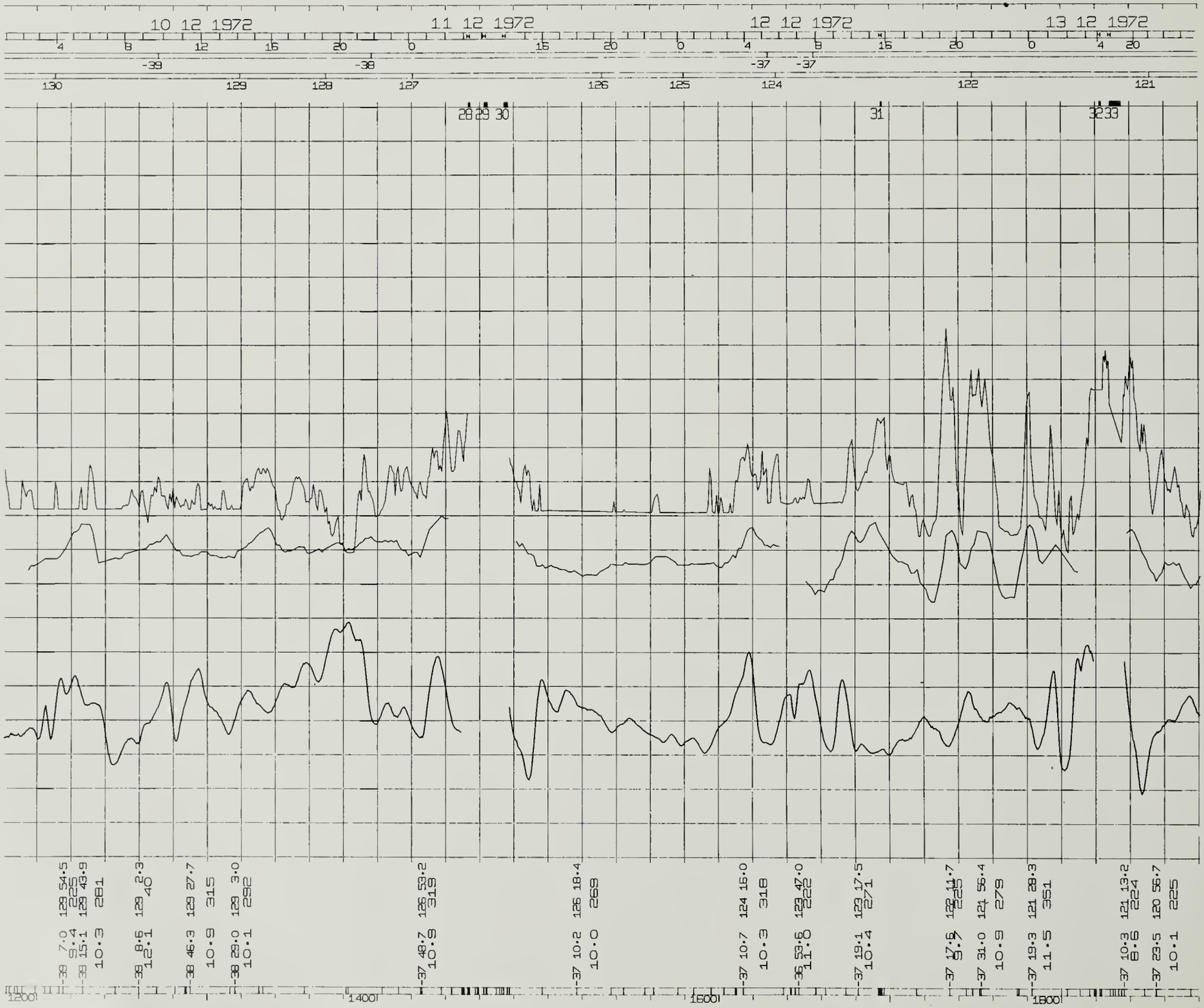
ELT 55A



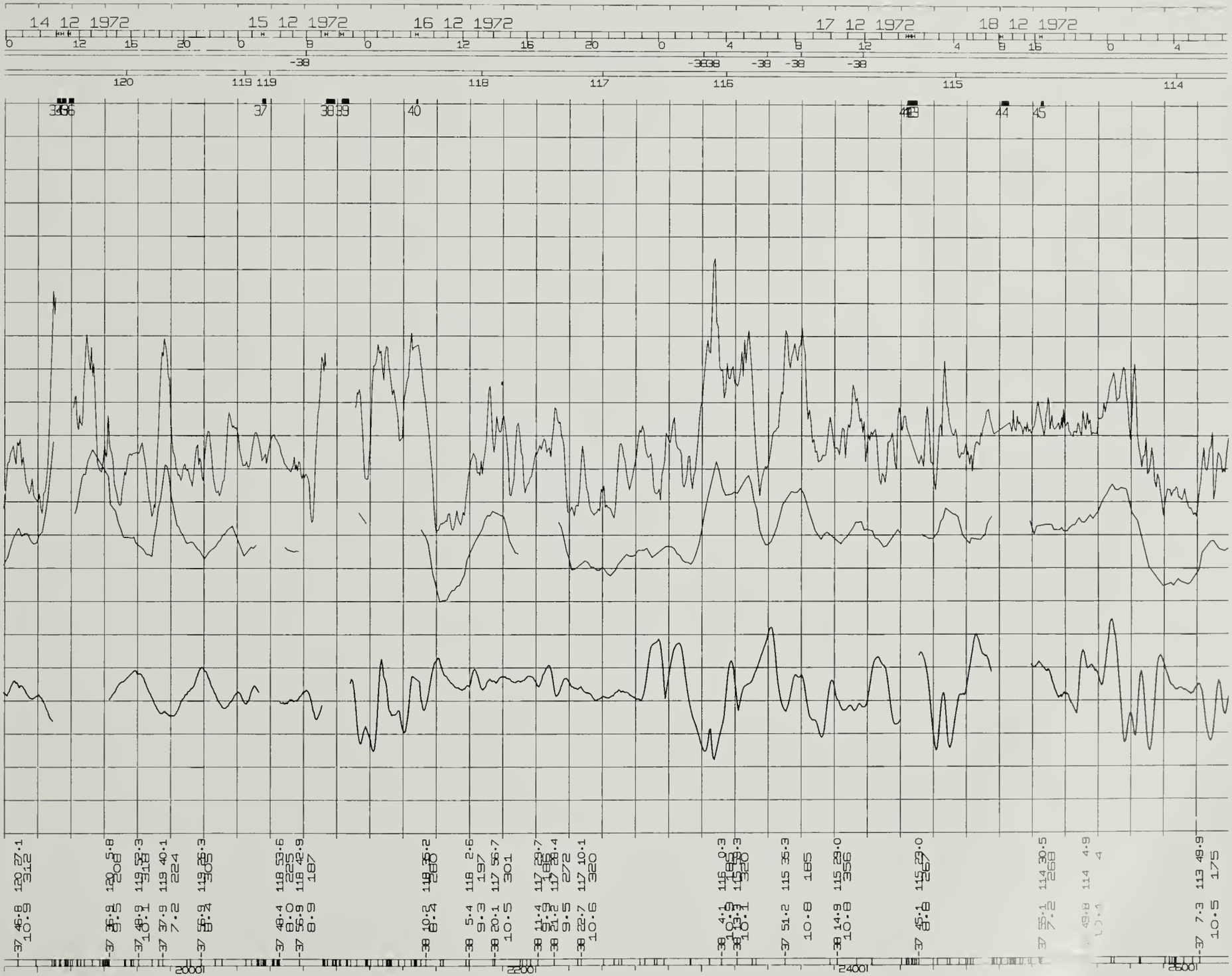
ELT 55A



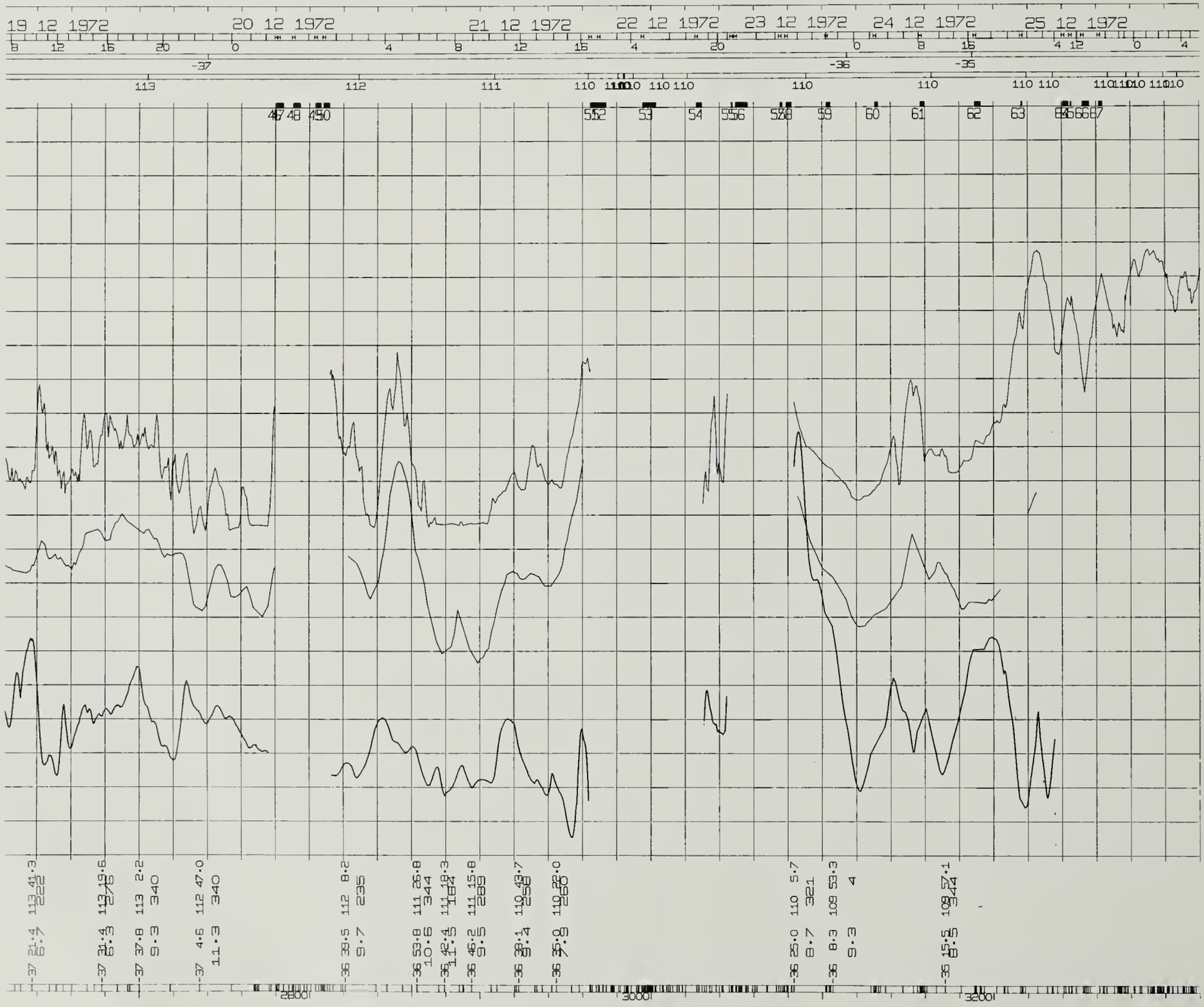
ELT 55A


10 12 1972
11 12 1972
12 12 1972
13 12 1972
28 29 30
31
32 33
1200
1400
1600
1800

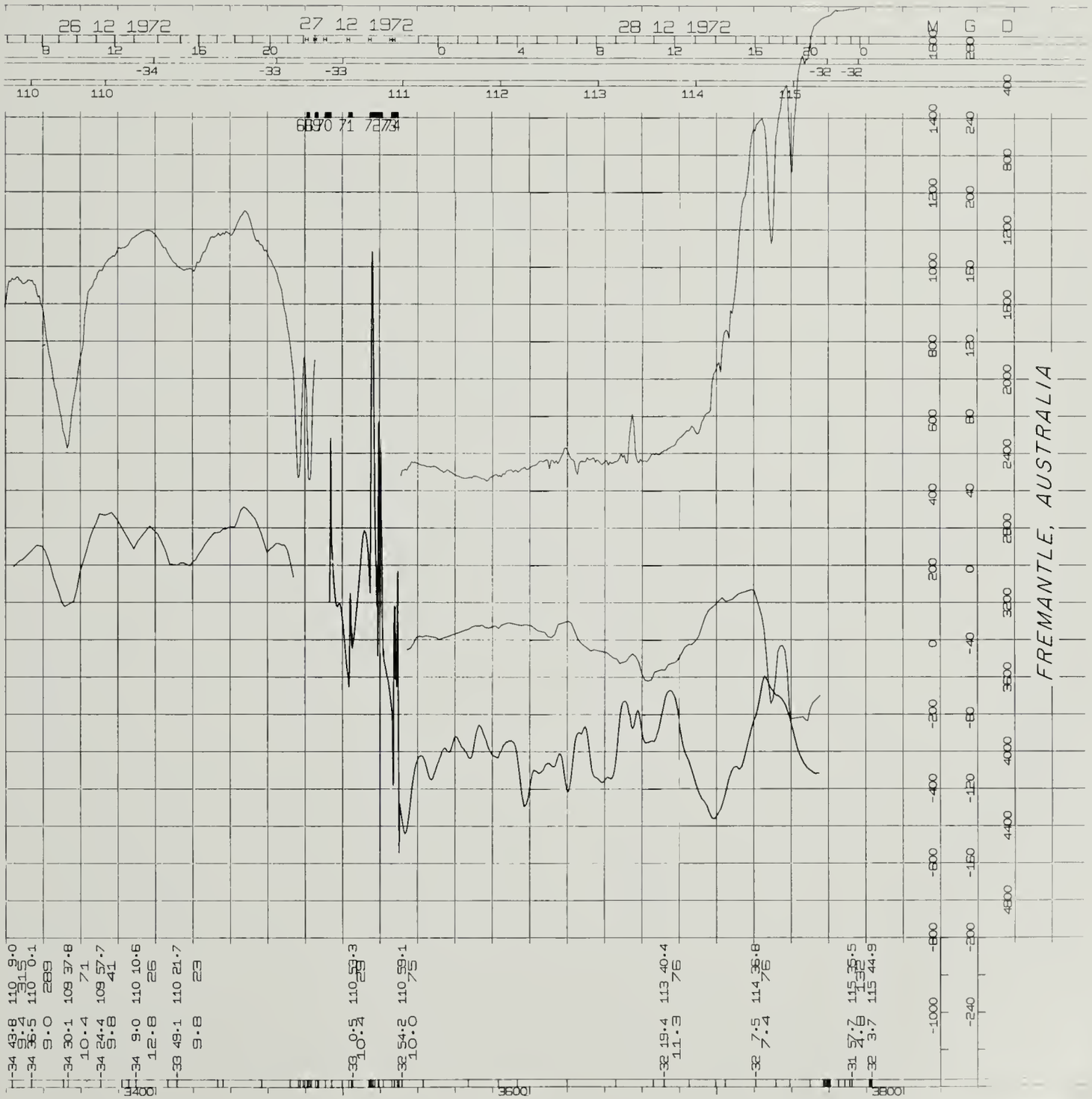
ELT 55A



ELT 55A


19 12 1972
20 12 1972
21 12 1972
22 12 1972
23 12 1972
24 12 1972
25 12 1972

ELT 55A



PART C - SEISMIC REFLECTION PROFILES

EEL57 MCMURDO-LYTTELTON

DAY	MON	YR	TZ	TIME	LATITUDE	LONGITUDE	MILES	KILOMETERS
26	2	72	0.0	1639	-77 53.0	166 44.4	0.0	0.0
27	2	72	0.0	2053	-76 25.5	166 13.8	100.0	185.3
28	2	72	0.0	1056	-77 4.7	171 30.9	200.0	370.6
29	2	72	0.0	0019	-77 12.6	174 56.5	300.0	556.0
29	2	72	0.0	1651	-77 45.9	179 7.3	400.0	741.3
1	3	72	0.0	1011	-77 47.2	-174 29.2	500.0	926.6
2	3	72	0.0	0410	-77 10.3	-166 43.9	600.0	1112.0
2	3	72	0.0	1944	-76 23.4	-164 30.9	700.0	1297.3
3	3	72	0.0	0922	-76 20.4	-169 20.5	800.0	1482.6
3	3	72	0.0	2237	-75 1.7	-171 38.0	900.0	1667.9
4	3	72	0.0	1150	-74 14.6	-172 36.9	1000.0	1853.3
5	3	72	0.0	0242	-74 50.9	-172 15.5	1100.0	2038.6
5	3	72	0.0	1650	-75 57.2	-176 8.9	1200.0	2223.9
6	3	72	0.0	0641	-76 41.3	-174 48.5	1300.0	2409.2
6	3	72	0.0	1638	-77 49.5	179 50.5	1400.0	2594.6
7	3	72	0.0	1156	-76 44.0	179 58.1	1500.0	2779.9
7	3	72	0.0	2334	-75 5.1	-179 59.4	1600.0	2965.2
8	3	72	0.0	1200	-73 48.1	178 51.4	1700.0	3150.5
9	3	72	0.0	0019	-73 23.1	176 49.9	1800.0	3335.9
9	3	72	0.0	1401	-71 45.4	177 23.0	1900.0	3521.2
10	3	72	0.0	0216	-71 2.3	178 10.5	2000.0	3706.5
10	3	72	0.0	1544	-72 18.3	-178 25.2	2100.0	3891.8
11	3	72	0.0	0523	-72 30.7	-176 8.8	2200.0	4077.2
11	3	72	0.0	1657	-71 41.3	-179 10.9	2300.0	4262.5
12	3	72	0.0	1617	-72 39.5	177 13.9	2400.0	4447.8
13	3	72	0.0	0604	-73 10.1	177 5.5	2500.0	4633.1
13	3	72	0.0	1943	-73 48.5	175 1.2	2600.0	4818.5
14	3	72	0.0	0744	-75 28.3	173 0.6	2700.0	5003.8
14	3	72	0.0	1833	-74 44.2	176 41.4	2800.0	5189.1
15	3	72	0.0	0743	-74 30.3	175 24.0	2900.0	5374.4
15	3	72	0.0	1932	-74 1.7	169 33.8	3000.0	5559.8
16	3	72	0.0	0903	-72 51.0	172 1.3	3100.0	5745.1
17	3	72	0.0	0133	-71 54.4	173 10.7	3200.0	5930.4
17	3	72	0.0	1636	-70 21.7	173 48.3	3300.0	6115.7
18	3	72	0.0	0232	-68 43.0	173 22.2	3400.0	6301.1
18	3	72	0.0	1230	-67 4.5	172 38.8	3500.0	6486.4
18	3	72	0.0	2252	-65 20.0	172 4.0	3600.0	6671.7
19	3	72	0.0	0852	-63 46.8	172 26.0	3700.0	6857.0
19	3	72	0.0	1910	-62 7.8	172 59.2	3800.0	7042.4
20	3	72	0.0	0534	-60 29.1	173 29.4	3900.0	7227.7
20	3	72	0.0	1700	-58 51.2	174 9.2	4000.0	7413.0
21	3	72	0.0	0535	-57 13.0	174 33.4	4100.0	7598.3
21	3	72	0.0	1613	-55 34.3	175 0.4	4200.0	7783.6
22	3	72	0.0	0433	-53 56.7	175 48.2	4300.0	7969.0
22	3	72	0.0	1412	-52 26.7	176 57.1	4400.0	8154.3
23	3	72	0.0	0205	-51 33.0	175 15.8	4500.0	8339.6
23	3	72	0.0	1929	-50 40.3	174 10.4	4600.0	8525.0
24	3	72	0.0	0555	-49 26.8	174 9.4	4700.0	8710.3
24	3	72	0.0	1600	-48 11.2	175 48.7	4800.0	8895.6
25	3	72	0.0	0144	-46 56.6	177 27.4	4900.0	9080.9
25	3	72	0.0	1143	-45 42.2	179 4.2	5000.0	9266.3
25	3	72	0.0	2305	-44 32.0	178 6.6	5100.0	9451.6
26	3	72	0.0	0848	-43 56.4	175 56.6	5200.0	9636.9
26	3	72	0.0	1753	-43 24.4	173 45.8	5300.0	9822.2

EEL53 LYTTELTON - FREMANTLE

DAY	MON	YR	TZ	TIME	LATITUDE	LONGITUDE	MILES	KILOMETERS
10	4	72	0.0	0615	-43 36.4	172 43.3	0.0	0.0
10	4	72	0.0	1654	-44 54.7	172 50.7	100.0	185.3
11	4	72	0.0	0350	-46 14.5	171 25.0	200.0	370.6
11	4	72	0.0	1451	-47 26.9	169 47.3	300.0	556.0
12	4	72	0.0	0144	-48 43.5	168 7.6	400.0	741.3
12	4	72	0.0	1227	-50 0.9	166 30.7	500.0	926.6
12	4	72	0.0	2242	-51 10.4	164 46.2	600.0	1112.0

EEL53 LYTTELTON - FREMANTLE

DAY	MON	YR	TZ	TIME	LATITUDE	LONGITUDE	MILES	KILOMETERS
13	4	72	0.0	1337	-51 35.9	162 49.7	700.0	1297.3
14	4	72	0.0	0034	-50 47.3	160 31.2	800.0	1482.6
14	4	72	0.0	1147	-51 26.7	161 40.3	900.0	1667.9
14	4	72	0.0	2300	-51 13.0	162 13.9	1000.0	1853.3
15	4	72	0.0	1149	-51 57.6	161 46.7	1100.0	2038.6
16	4	72	0.0	0152	-51 44.5	162 41.4	1200.0	2223.9
16	4	72	0.0	1637	-51 40.2	161 57.2	1300.0	2409.2
17	4	72	0.0	0720	-50 19.4	160 24.6	1400.0	2594.6
17	4	72	0.0	1629	-48 44.1	160 30.0	1500.0	2779.9
18	4	72	0.0	0533	-47 7.2	161 5.1	1600.0	2965.2
18	4	72	0.0	1615	-45 26.8	161 30.7	1700.0	3150.5
19	4	72	0.0	0651	-43 52.0	161 48.0	1800.0	3335.9
19	4	72	0.0	1610	-42 58.2	161 12.3	1900.0	3521.2
20	4	72	0.0	1230	-43 21.6	159 1.2	2000.0	3706.5
21	4	72	0.0	0230	-43 40.8	156 45.9	2100.0	3891.8
21	4	72	0.0	1730	-44 1.5	154 31.8	2200.0	4077.2
22	4	72	0.0	0543	-43 11.9	155 10.2	2300.0	4262.5
22	4	72	0.0	1629	-42 48.0	157 22.9	2400.0	4447.8
23	4	72	0.0	0306	-42 57.2	159 11.0	2500.0	4633.1
23	4	72	0.0	2016	-43 56.2	156 4.6	2600.0	4818.5
24	4	72	0.0	1032	-44 12.1	155 50.7	2700.0	5003.8
24	4	72	0.0	2110	-43 37.2	154 55.3	2800.0	5189.1
25	4	72	0.0	0606	-43 17.1	157 9.8	2900.0	5374.4
25	4	72	0.0	1636	-42 51.6	159 21.4	3000.0	5559.8
26	4	72	0.0	0053	-43 23.7	159 1.3	3100.0	5745.1
26	4	72	0.0	1943	-43 16.7	156 26.4	3200.0	5930.4
27	4	72	0.0	1020	-43 47.6	156 36.5	3300.0	6115.7
28	4	72	0.0	0129	-44 0.6	154 45.9	3400.0	6301.1
28	4	72	0.0	1427	-45 31.5	153 31.6	3500.0	6486.4
29	4	72	0.0	0001	-46 5.7	152 3.4	3600.0	6671.7
30	4	72	0.0	0031	-45 0.7	150 9.5	3700.0	6857.0
30	4	72	0.0	1420	-46 40.4	149 20.2	3800.0	7042.4
1	5	72	0.0	0150	-48 14.7	148 31.8	3900.0	7227.7
1	5	72	0.0	1730	-49 47.0	147 44.0	4000.0	7413.0
2	5	72	0.0	0733	-51 23.7	147 56.7	4100.0	7598.3
3	5	72	0.0	0108	-52 51.4	146 42.0	4200.0	7783.6
3	5	72	0.0	1416	-54 13.5	145 5.9	4300.0	7969.0
4	5	72	0.0	0045	-55 39.1	143 30.9	4400.0	8154.3
4	5	72	0.0	1203	-57 11.9	142 32.4	4500.0	8339.6
5	5	72	0.0	0110	-58 46.2	141 43.0	4600.0	8525.0
5	5	72	0.0	1309	-60 22.5	140 38.3	4700.0	8710.3
6	5	72	0.0	0226	-61 59.9	139 54.4	4800.0	8895.6
6	5	72	0.0	1409	-62 32.0	138 48.9	4900.0	9080.9
7	5	72	0.0	0540	-61 1.9	137 31.5	5000.0	9266.3
7	5	72	0.0	1522	-62 2.5	139 20.8	5100.0	9451.6
8	5	72	0.0	0300	-61 30.0	142 33.2	5200.0	9636.9
8	5	72	0.0	1633	-60 29.2	144 57.0	5300.0	9822.2
9	5	72	0.0	0344	-58 50.6	145 30.6	5400.0	10007.5
9	5	72	0.0	1551	-57 12.7	146 8.4	5500.0	10192.9
10	5	72	0.0	0557	-55 34.9	146 45.4	5600.0	10378.2
10	5	72	0.0	1933	-54 10.3	146 13.4	5700.0	10563.5
11	5	72	0.0	1039	-54 12.1	144 54.9	5800.0	10748.9
11	5	72	0.0	2315	-54 20.8	146 43.4	5900.0	10934.2
12	5	72	0.0	0904	-52 57.0	147 36.2	6000.0	11119.5
12	5	72	0.0	1912	-51 16.2	148 0.8	6100.0	11304.8
13	5	72	0.0	1229	-50 36.8	148 7.7	6200.0	11490.2
13	5	72	0.0	2219	-48 56.9	148 14.8	6300.0	11675.5
14	5	72	0.0	1130	-49 5.8	148 52.1	6400.0	11860.8
15	5	72	0.0	0212	-48 44.0	147 35.1	6500.0	12046.1
15	5	72	0.0	1427	-48 1.1	145 48.9	6600.0	12231.5
16	5	72	0.0	0129	-47 56.5	147 55.8	6700.0	12416.8
16	5	72	0.0	1252	-46 4.3	149 43.8	6800.0	12602.1
17	5	72	0.0	0159	-47 34.0	147 37.7	6900.0	12787.4
17	5	72	0.0	1631	-46 35.5	146 15.4	7000.0	12972.8
18	5	72	0.0	0345	-45 2.5	147 6.5	7100.0	13158.1
18	5	72	0.0	1433	-43 53.2	148 4.9	7200.0	13343.4
19	5	72	0.0	0152	-43 22.1	147 29.1	7300.0	13528.7
19	5	72	0.0	1556	-44 45.3	146 30.4	7400.0	13714.0
20	5	72	0.0	0610	-45 59.1	144 54.6	7500.0	13899.4
20	5	72	0.0	1659	-45 21.0	144 25.1	7600.0	14084.7
21	5	72	0.0	0914	-44 52.0	144 40.9	7700.0	14270.0
22	5	72	0.0	0013	-44 4.4	144 43.2	7800.0	14455.4

EEL53 FREMANTLE - FREMANTLE

DAY	MON	YR	TZ	TIME	LATITUDE	LONGITUDE	MILES	KILOMETERS
22	5	72	0.0	1121	-42 51.2	144 19.5	7900.0	14640.7
23	5	72	0.0	0140	-41 59.6	143 37.0	8000.0	14826.0
23	5	72	0.0	1329	-41 11.3	143 12.3	8100.0	15011.3
24	5	72	0.0	0000	-40 34.7	141 9.2	8200.0	15196.7
24	5	72	0.0	1102	-39 51.9	139 45.9	8300.0	15382.0
24	5	72	0.0	2139	-39 50.2	140 15.0	8400.0	15567.3
25	5	72	0.0	1310	-39 32.5	138 49.7	8500.0	15752.6
26	5	72	0.0	0004	-38 14.2	138 31.4	8600.0	15938.0
26	5	72	0.0	1500	-39 8.8	137 38.4	8700.0	16123.3
27	5	72	0.0	0043	-39 10.3	136 4.4	8800.0	16308.6
27	5	72	0.0	1305	-38 10.2	135 47.4	8900.0	16493.9
27	5	72	0.0	2239	-37 48.4	136 3.4	9000.0	16679.3
28	5	72	0.0	1451	-36 57.2	135 43.4	9100.0	16864.6
29	5	72	0.0	0042	-39 12.9	134 57.3	9200.0	17049.9
29	5	72	0.0	1051	-36 37.0	132 57.4	9300.0	17235.2
29	5	72	0.0	2058	-36 1.4	130 58.5	9400.0	17420.6
30	5	72	0.0	1123	-37 33.4	129 10.0	9500.0	17605.9
30	5	72	0.0	2301	-36 0.7	129 24.0	9600.0	17791.2
31	5	72	0.0	1410	-35 8.2	129 31.7	9700.0	17976.5
1	6	72	0.0	0441	-33 58.2	129 39.7	9800.0	18161.8
1	6	72	0.0	1620	-33 0.4	128 43.7	9900.0	18347.2
2	6	72	0.0	0625	-33 0.2	128 44.9	10000.0	18532.5
2	6	72	0.0	1750	-34 21.0	128 31.7	10100.0	18717.8
3	6	72	0.0	0940	-35 50.1	128 20.7	10200.0	18903.2
3	6	72	0.0	1521	-36 59.0	128 36.2	10300.0	19088.5
4	6	72	0.0	0316	-35 44.1	125 15.5	10400.0	19273.8
4	6	72	0.0	1516	-34 28.1	124 7.8	10500.0	19459.1
5	6	72	0.0	0304	-35 10.2	123 8.7	10600.0	19644.5
5	6	72	0.0	1516	-36 8.3	121 33.3	10700.0	19829.8
6	6	72	0.0	0302	-37 20.7	120 16.0	10800.0	20015.1
6	6	72	0.0	1353	-36 47.0	118 53.7	10900.0	20200.4
7	6	72	0.0	0132	-35 43.7	117 23.2	11000.0	20385.8
7	6	72	0.0	1413	-35 34.1	115 36.7	11100.0	20571.1
8	6	72	0.0	0207	-34 57.5	114 39.1	11200.0	20756.4
8	6	72	0.0	1302	-33 19.8	114 23.8	11300.0	20941.7
9	6	72	0.0	0026	-32 1.7	115 2.7	11400.0	21127.1

EEL54 FREMANTLE - FREMANTLE

DAY	MON	YR	TZ	TIME	LATITUDE	LONGITUDE	MILES	KILOMETERS
20	6	72	0.0	0204	-32 3.0	115 42.5	0.0	0.0
20	6	72	0.0	1320	-32 13.6	113 51.3	100.0	185.3
21	6	72	0.0	0231	-32 33.2	111 55.9	200.0	370.6
21	6	72	0.0	1754	-33 11.3	110 6.0	300.0	556.0
22	6	72	0.0	0516	-33 46.0	108 14.5	400.0	741.3
22	6	72	0.0	1606	-34 20.4	106 24.0	500.0	926.6
23	6	72	0.0	0702	-35 7.2	104 32.2	600.0	1112.0
23	6	72	0.0	2233	-35 41.2	102 30.8	700.0	1297.3
24	6	72	0.0	1143	-36 17.0	100 41.6	800.0	1482.6
24	6	72	0.0	2326	-36 47.6	98 43.9	900.0	1667.9
25	6	72	0.0	1224	-37 23.3	96 46.6	1000.0	1853.3
26	6	72	0.0	0059	-37 59.1	94 48.6	1100.0	2038.6
26	6	72	0.0	1215	-36 33.4	92 49.2	1200.0	2223.9
26	6	72	0.0	2253	-39 12.3	90 50.9	1300.0	2409.2
27	6	72	0.0	1105	-39 50.2	88 51.2	1400.0	2594.6
28	6	72	0.0	0305	-41 2.3	87 56.4	1500.0	2779.9
28	6	72	0.0	1825	-42 35.5	87 41.4	1600.0	2965.2
29	6	72	0.0	0855	-44 4.7	87 40.0	1700.0	3150.5
30	6	72	0.0	0043	-45 36.2	88 54.2	1800.0	3335.9
1	7	72	0.0	0400	-47 11.3	88 30.6	1900.0	3521.2
2	7	72	0.0	0218	-48 43.3	89 48.8	2000.0	3706.5
2	7	72	0.0	2344	-50 13.2	89 13.3	2100.0	3891.8
3	7	72	0.0	1848	-51 43.9	89 40.3	2200.0	4077.2
4	7	72	0.0	1038	-53 20.3	89 0.7	2300.0	4262.5
5	7	72	0.0	0350	-54 50.6	88 13.7	2400.0	4447.8
6	7	72	0.0	0318	-56 20.2	87 32.0	2500.0	4633.1
6	7	72	0.0	1825	-57 36.7	87 47.0	2600.0	4818.5
7	7	72	0.0	0821	-57 26.6	91 15.6	2700.0	5003.8

EEL54 FREMANTLE - FREMANTLE

DAY	MON	YR	TZ	TIME	LATITUDE	LONGITUDE	MILES	KILOMETERS
1	7	72	0.0	1600	-57 24.6	78 15.4	2800.0	5189.1
8	7	72	0.0	0901	-57 14.1	75 39.6	2900.0	5374.4
8	7	72	0.0	2136	-56 53.2	73 27.0	3000.0	5559.8
9	7	72	0.0	0843	-57 8.4	70 34.4	3100.0	5745.1
9	7	72	0.0	1931	-57 4.3	69 11.1	3200.0	5930.4
10	7	72	0.0	0556	-56 0.9	67 16.1	3300.0	6115.7
10	7	72	0.0	2004	-55 52.3	70 0.5	3400.0	6301.1
11	7	72	0.0	0842	-55 49.1	72 52.9	3500.0	6486.4
11	7	72	0.0	1944	-55 47.1	75 43.9	3600.0	6671.7
12	7	72	0.0	1019	-55 46.3	78 17.1	3700.0	6857.0
12	7	72	0.0	2102	-55 50.7	81 4.1	3800.0	7042.4
13	7	72	0.0	1210	-56 53.1	81 5.6	3900.0	7227.7
14	7	72	0.0	0939	-57 45.6	81 14.1	4000.0	7413.0
14	7	72	0.0	2216	-58 44.1	83 11.1	4100.0	7598.3
15	7	72	0.0	1552	-57 19.4	82 21.4	4200.0	7783.6
16	7	72	0.0	0035	-58 37.5	80 13.2	4300.0	7969.0
16	7	72	0.0	2009	-58 26.3	77 12.7	4400.0	8154.3
17	7	72	0.0	1517	-58 15.7	74 14.8	4500.0	8339.6
18	7	72	0.0	0434	-58 11.7	71 15.0	4600.0	8525.0
18	7	72	0.0	2102	-58 57.9	70 7.4	4700.0	8710.3
19	7	72	0.0	0839	-58 28.4	72 58.9	4800.0	8895.6
19	7	72	0.0	1703	-59 50.8	75 38.3	4900.0	9080.9
20	7	72	0.0	0324	-59 14.3	78 16.7	5000.0	9266.3
20	7	72	0.0	1337	-58 32.8	80 52.0	5100.0	9451.0
21	7	72	0.0	0008	-57 48.3	83 19.1	5200.0	9636.9
21	7	72	0.0	1135	-58 55.8	85 40.1	5300.0	9822.2
21	7	72	0.0	2131	-58 2.2	87 55.6	5400.0	10007.5
22	7	72	0.0	0830	-58 12.1	90 11.7	5500.0	10192.9
22	7	72	0.0	2000	-49 12.2	92 15.2	5600.0	10378.2
23	7	72	0.0	0642	-48 9.3	94 11.5	5700.0	10563.5
23	7	72	0.0	1709	-47 4.9	96 4.2	5800.0	10748.9
24	7	72	0.0	0323	-46 0.7	97 54.7	5900.0	10934.2
24	7	72	0.0	1319	-44 56.2	99 43.7	6000.0	11119.5
25	7	72	0.0	0004	-43 45.6	101 22.0	6100.0	11304.8
25	7	72	0.0	1109	-42 39.8	103 5.7	6200.0	11490.2
25	7	72	0.0	2035	-41 26.8	104 37.8	6300.0	11675.5
26	7	72	0.0	0849	-40 16.5	106 14.5	6400.0	11860.8
26	7	72	0.0	1830	-39 10.4	107 49.8	6500.0	12046.1
27	7	72	0.0	0726	-37 59.3	109 16.3	6600.0	12231.5
27	7	72	0.0	1719	-36 43.2	110 36.3	6700.0	12416.8
27	7	72	0.0	2727	-35 26.1	112 0.9	6800.0	12602.1
28	7	72	0.0	0909	-34 13.9	113 21.1	6900.0	12787.4
28	7	72	0.0	1947	-32 52.9	114 31.5	7000.0	12972.8

EE54A FREMANTLE - MELBOURNE

DAY	MON	YR	TZ	TIME	LATITUDE	LONGITUDE	MILES	KILOMETERS
30	7	72	0.0	0210	-32 3.0	115 42.5	0.0	0.0
30	7	72	0.0	1740	-33 6.6	114 30.5	100.0	185.3
31	7	72	0.0	0657	-34 31.5	114 32.1	200.0	370.6
31	7	72	0.0	1720	-35 45.5	115 54.2	300.0	556.0
1	8	72	0.0	0401	-36 50.3	117 26.1	400.0	741.3
1	8	72	0.0	1517	-37 59.6	118 56.4	500.0	926.6
2	8	72	0.0	0254	-39 7.3	120 32.5	600.0	1112.0
2	8	72	0.0	1412	-40 22.3	121 51.2	700.0	1297.3
3	8	72	0.0	0109	-42 1.2	122 10.8	800.0	1482.6
3	8	72	0.0	1234	-43 40.3	122 28.3	900.0	1667.9
3	8	72	0.0	2329	-45 19.1	122 50.2	1000.0	1853.3
4	8	72	0.0	1104	-46 24.9	124 16.0	1100.0	2038.6
4	8	72	0.0	2306	-47 13.3	126 25.7	1200.0	2223.9
5	8	72	0.0	1054	-47 29.4	125 9.8	1300.0	2409.2
6	8	72	0.0	0527	-47 25.8	122 51.5	1400.0	2594.6
6	8	72	0.0	1755	-48 12.8	124 24.6	1500.0	2779.9
7	8	72	0.0	0546	-47 11.6	124 58.5	1600.0	2965.2
7	8	72	0.0	2202	-47 27.4	124 7.3	1700.0	3150.5
9	8	72	0.0	0019	-48 50.6	123 47.1	1800.0	3335.9
9	8	72	0.0	2153	-50 29.4	123 45.7	1900.0	3521.2
10	8	72	0.0	1716	-52 4.5	124 3.9	2000.0	3706.5

EE54A FREMANTLE - MELBOURNE

DAY	MON	YR	TZ	TIME	LATITUDE	LONGITUDE	MILES	KILOMETERS
11	8	72	0.0	1151	-52 21.1	124 2.8	2100.0	3891.8
12	8	72	0.0	0841	-50 49.3	124 29.8	2200.0	4077.2
13	8	72	0.0	0432	-49 21.4	124 51.4	2300.0	4262.5
13	8	72	0.0	2255	-48 1.0	126 1.7	2400.0	4447.8
14	8	72	0.0	1820	-47 35.9	125 9.4	2500.0	4633.1
15	8	72	0.0	0725	-46 42.4	123 16.6	2600.0	4818.5
15	8	72	0.0	2040	-46 18.7	123 13.2	2700.0	5003.8
16	8	72	0.0	1531	-46 20.0	124 6.9	2800.0	5189.1
17	8	72	0.0	0943	-47 52.5	124 1.4	2900.0	5374.4
17	8	72	0.0	2237	-47 8.7	124 57.0	3000.0	5559.8
18	8	72	0.0	1344	-46 1.8	126 43.7	3100.0	5745.1
19	8	72	0.0	0930	-45 29.2	128 57.0	3200.0	5930.4
19	8	72	0.0	1201	-45 1.0	131 13.3	3300.0	6115.7
19	8	72	0.0	2239	-44 19.5	133 21.0	3400.0	6301.1
20	8	72	0.0	0924	-43 39.6	135 26.2	3500.0	6486.4
20	8	72	0.0	1929	-42 53.9	137 30.2	3600.0	6671.7
21	8	72	0.0	0557	-42 10.7	139 32.5	3700.0	6857.0
21	8	72	0.0	1615	-41 2.3	141 8.2	3800.0	7042.4
22	8	72	0.0	0348	-39 50.1	142 38.6	3900.0	7227.7
22	8	72	0.0	1510	-38 33.5	144 9.9	4000.0	7413.0

EE54B MELBOURNE - NEWCASTLE

DAY	MON	YR	TZ	TIME	LATITUDE	LONGITUDE	MILES	KILOMETERS
1	9	72	0.0	2334	-37 48.9	144 56.5	0.0	0.0
2	9	72	0.0	1045	-36 57.2	145 21.7	100.0	185.3
2	9	72	0.0	2039	-40 2.4	146 59.6	200.0	370.6
3	9	72	0.0	0607	-40 40.7	148 49.1	300.0	556.0
3	9	72	0.0	1736	-40 19.4	150 36.3	400.0	741.3
4	9	72	0.0	0403	-39 59.7	152 46.4	500.0	926.6
4	9	72	0.0	1431	-39 40.3	154 54.1	600.0	1112.0
5	9	72	0.0	0045	-39 0.2	156 12.7	700.0	1297.3
5	9	72	0.0	1116	-37 33.2	155 9.6	800.0	1482.6
5	9	72	0.0	2349	-36 5.7	154 10.5	900.0	1667.9
6	9	72	0.0	1240	-34 41.1	153 5.4	1000.0	1853.3
7	9	72	0.0	0032	-33 13.2	152 8.6	1100.0	2038.6

EE55 NEWCASTLE - MELBOURNE

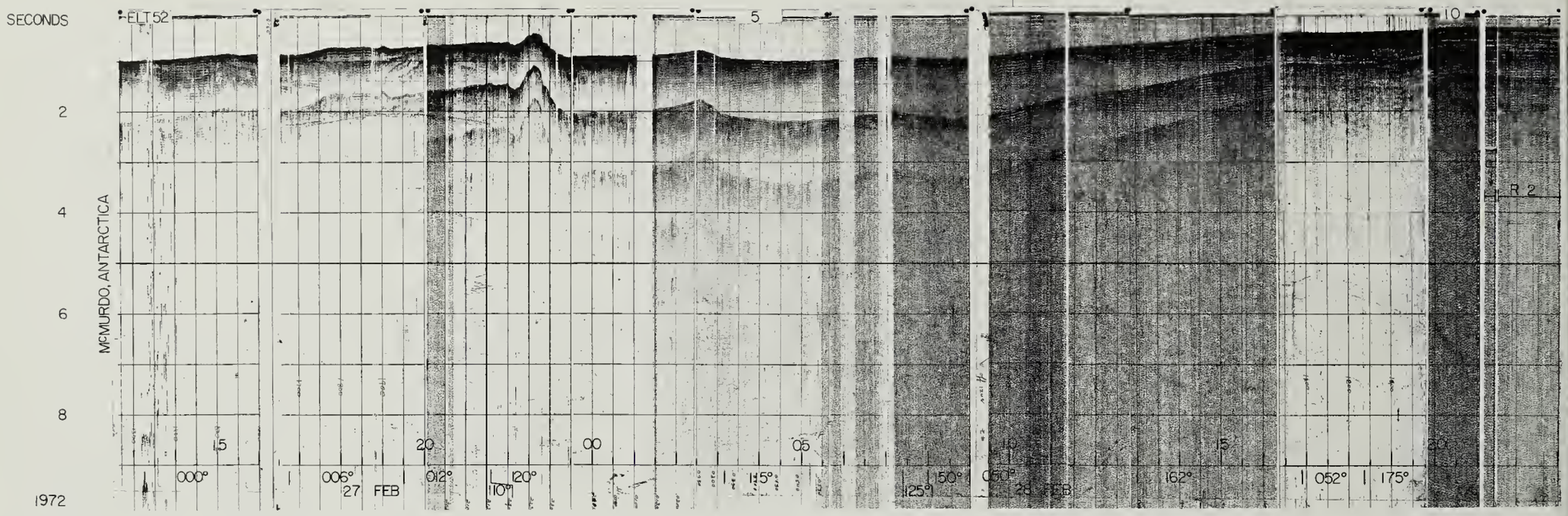
DAY	MON	YR	TZ	TIME	LATITUDE	LONGITUDE	MILES	KILOMETERS
30	10	72	0.0	0710	-32 55.2	151 46.5	0.0	0.0
30	10	72	0.0	1749	-34 27.4	152 6.1	100.0	185.3
31	10	72	0.0	0140	-36 0.2	151 33.6	200.0	370.6
31	10	72	0.0	1040	-37 27.6	150 34.1	300.0	556.0
31	10	72	0.0	2053	-38 54.7	149 36.7	400.0	741.3
1	11	72	0.0	1014	-38 42.5	149 11.6	500.0	926.6
2	11	72	0.0	0850	-38 35.0	148 40.5	600.0	1112.0
2	11	72	0.0	2031	-39 49.4	149 5.8	700.0	1297.3
3	11	72	0.0	0514	-41 29.8	149 2.2	800.0	1482.6
3	11	72	0.0	1426	-43 9.8	149 0.8	900.0	1667.9
4	11	72	0.0	0045	-44 22.2	148 1.5	1000.0	1853.3
4	11	72	0.0	1030	-45 9.1	145 57.3	1100.0	2038.6
5	11	72	0.0	0757	-45 33.3	144 37.2	1200.0	2223.9
6	11	72	0.0	0410	-46 39.8	143 37.0	1300.0	2409.2
6	11	72	0.0	1413	-47 47.4	141 48.8	1400.0	2594.6
7	11	72	0.0	0117	-48 42.4	140 30.2	1500.0	2779.9
9	11	72	0.0	1041	-48 30.4	140 50.8	1600.0	2965.2

EE55 NEWCASTLE - MELBOURNE

DAY	MON	YR	TZ	TIME	LATITUDE	LONGITUDE	MILES	KILOMETERS
9	11	72	0.0	2319	-47 22.0	139 4.3	1700.0	3150.5
10	11	72	0.0	1036	-47 18.7	136 50.2	1800.0	3335.9
11	11	72	0.0	0047	-47 35.9	134 25.0	1900.0	3521.2
11	11	72	0.0	1905	-47 45.5	131 56.8	2000.0	3706.5
12	11	72	0.0	1446	-47 27.2	131 13.9	2100.0	3891.8
13	11	72	0.0	0455	-46 18.7	133 0.2	2200.0	4077.2
13	11	72	0.0	1654	-45 13.0	134 49.0	2300.0	4262.5
14	11	72	0.0	0642	-44 0.3	136 32.6	2400.0	4447.8
14	11	72	0.0	2251	-42 59.2	138 14.7	2500.0	4633.1
15	11	72	0.0	1722	-41 46.4	139 50.2	2600.0	4818.5
16	11	72	0.0	0310	-40 36.7	141 25.1	2700.0	5003.8
16	11	72	0.0	2104	-39 25.7	142 54.2	2800.0	5189.1
16	11	72	0.0	0152	-38 29.7	144 26.0	2900.0	5374.4

EE55A MELBOURNE - FREMANTLE

DAY	MON	YR	TZ	TIME	LATITUDE	LONGITUDE	MILES	KILOMETERS
2	12	72	0.0	2240	-37 50.0	144 55.0	0.0	0.0
3	12	72	0.0	0834	-38 57.2	143 44.6	100.0	185.3
3	12	72	0.0	1644	-39 19.9	142 31.4	200.0	370.6
4	12	72	0.0	1715	-38 50.0	141 30.0	300.0	556.0
5	12	72	0.0	1222	-38 51.4	141 1.0	400.0	741.3
6	12	72	0.0	0800	-39 41.7	140 52.3	500.0	926.6
7	12	72	0.0	0237	-40 5.7	139 47.4	600.0	1112.0
7	12	72	0.0	1917	-39 53.9	137 42.3	700.0	1297.3
8	12	72	0.0	0511	-39 44.0	135 35.5	800.0	1482.6
8	12	72	0.0	1920	-39 42.8	133 20.9	900.0	1667.9
9	12	72	0.0	0611	-39 44.4	132 54.8	1000.0	1853.3
9	12	72	0.0	1619	-39 23.8	131 31.1	1100.0	2038.6
10	12	72	0.0	0252	-39 10.0	130 8.5	1200.0	2223.9
10	12	72	0.0	1219	-38 39.4	129 18.9	1300.0	2409.2
10	12	72	0.0	2212	-37 58.5	127 24.0	1400.0	2594.6
11	12	72	0.0	1019	-37 22.5	126 32.8	1500.0	2779.9
12	12	72	0.0	0227	-37 10.7	124 34.0	1600.0	2965.2
12	12	72	0.0	1612	-37 10.1	122 55.8	1700.0	3150.5
13	12	72	0.0	0157	-37 2.4	121 25.1	1800.0	3335.9
14	12	72	0.0	0154	-37 39.1	120 16.0	1900.0	3521.2
14	12	72	0.0	2159	-37 58.0	119 24.7	2000.0	3706.5
15	12	72	0.0	0034	-38 10.7	118 46.3	2100.0	3891.8
16	12	72	0.0	1037	-38 12.5	117 51.0	2200.0	4077.2
17	12	72	0.0	0240	-38 0.5	116 5.3	2300.0	4262.5
17	12	72	0.0	1212	-37 56.9	115 26.6	2400.0	4447.8
18	12	72	0.0	1551	-37 53.7	114 35.7	2500.0	4633.1
19	12	72	0.0	0533	-37 5.4	113 49.8	2600.0	4818.5
19	12	72	0.0	1631	-37 37.8	113 2.3	2700.0	5003.8
20	12	72	0.0	1405	-38 36.5	112 16.9	2800.0	5189.1
21	12	72	0.0	0926	-38 44.8	111 10.1	2900.0	5374.4
22	12	72	0.0	0830	-38 41.1	110 3.2	3000.0	5559.8
23	12	72	0.0	1639	-38 12.1	109 52.7	3100.0	5745.1
24	12	72	0.0	2100	-34 53.1	109 50.9	3200.0	5930.4
26	12	72	0.0	0231	-34 39.1	109 59.1	3300.0	6115.7
26	12	72	0.0	1333	-33 59.4	110 10.0	3400.0	6301.1
27	12	72	0.0	0710	-32 59.9	110 54.3	3500.0	6486.4
28	12	72	0.0	0430	-32 30.0	112 17.7	3600.0	6671.7
28	12	72	0.0	1402	-32 12.5	114 12.1	3700.0	6857.0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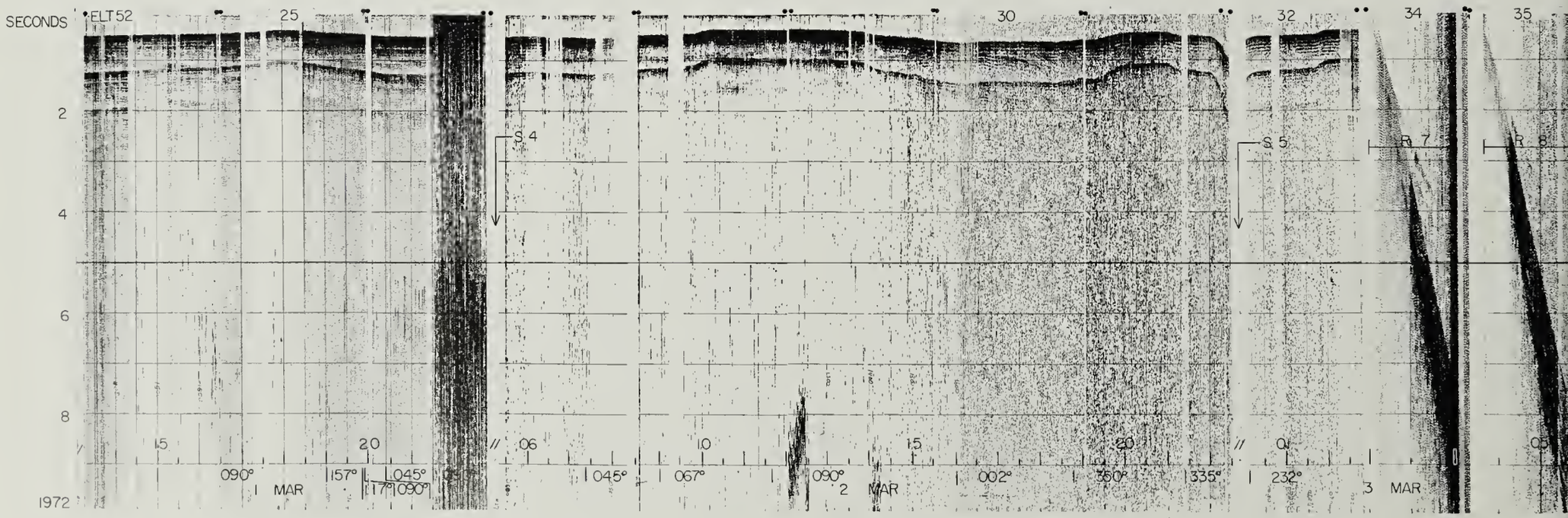
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S 5
R 7
R 8
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3 MAR
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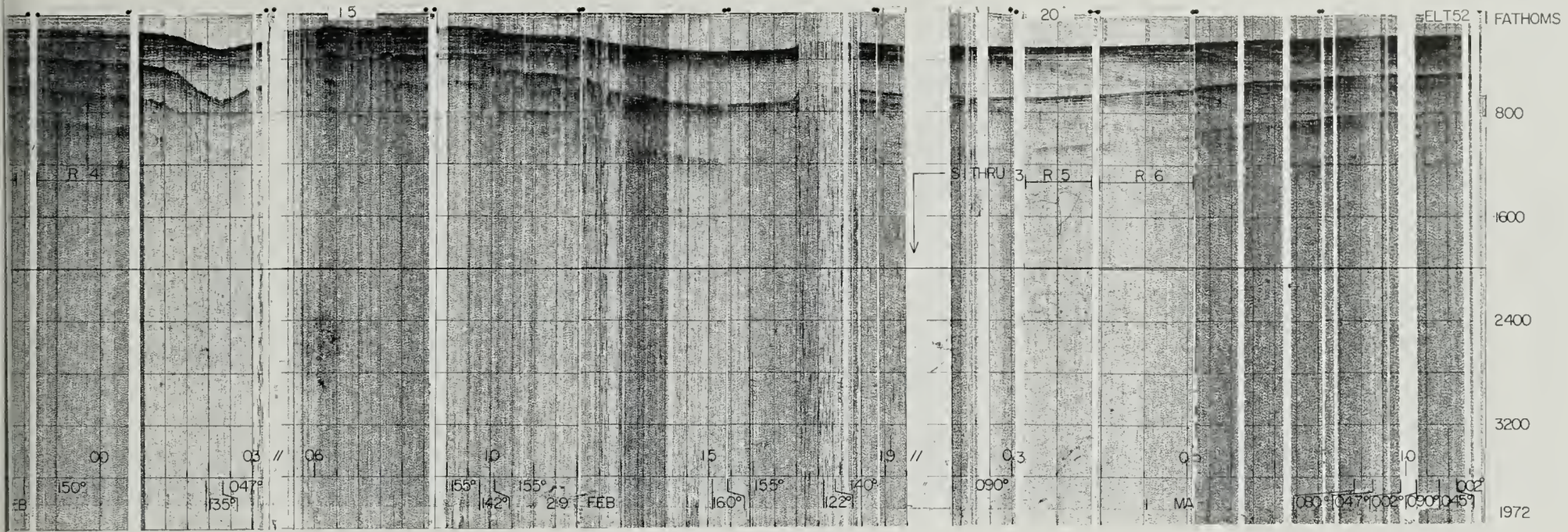
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R 5
R 6
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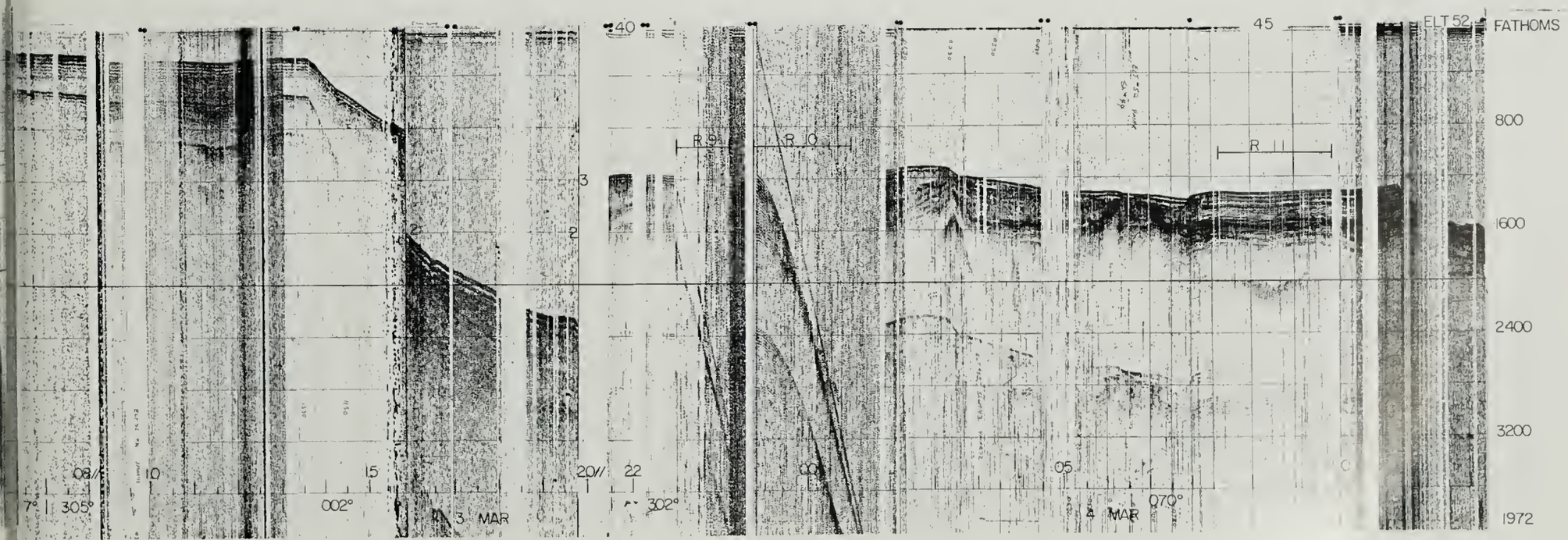
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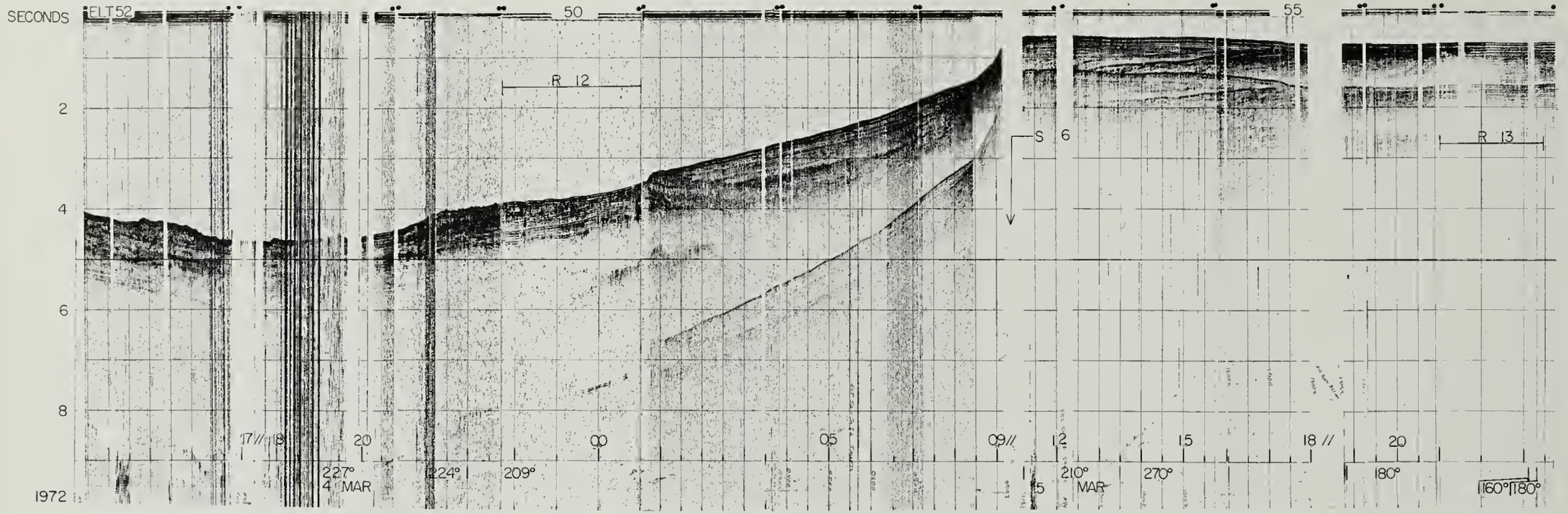
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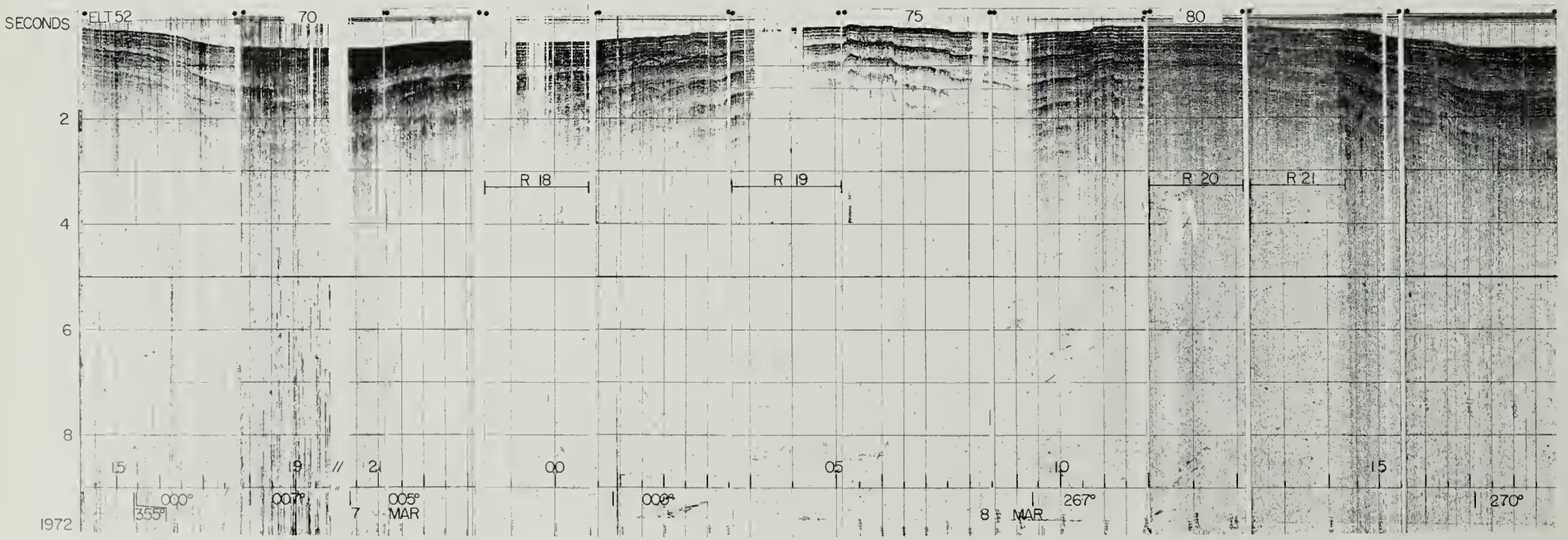
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R 19
R 20
R 21
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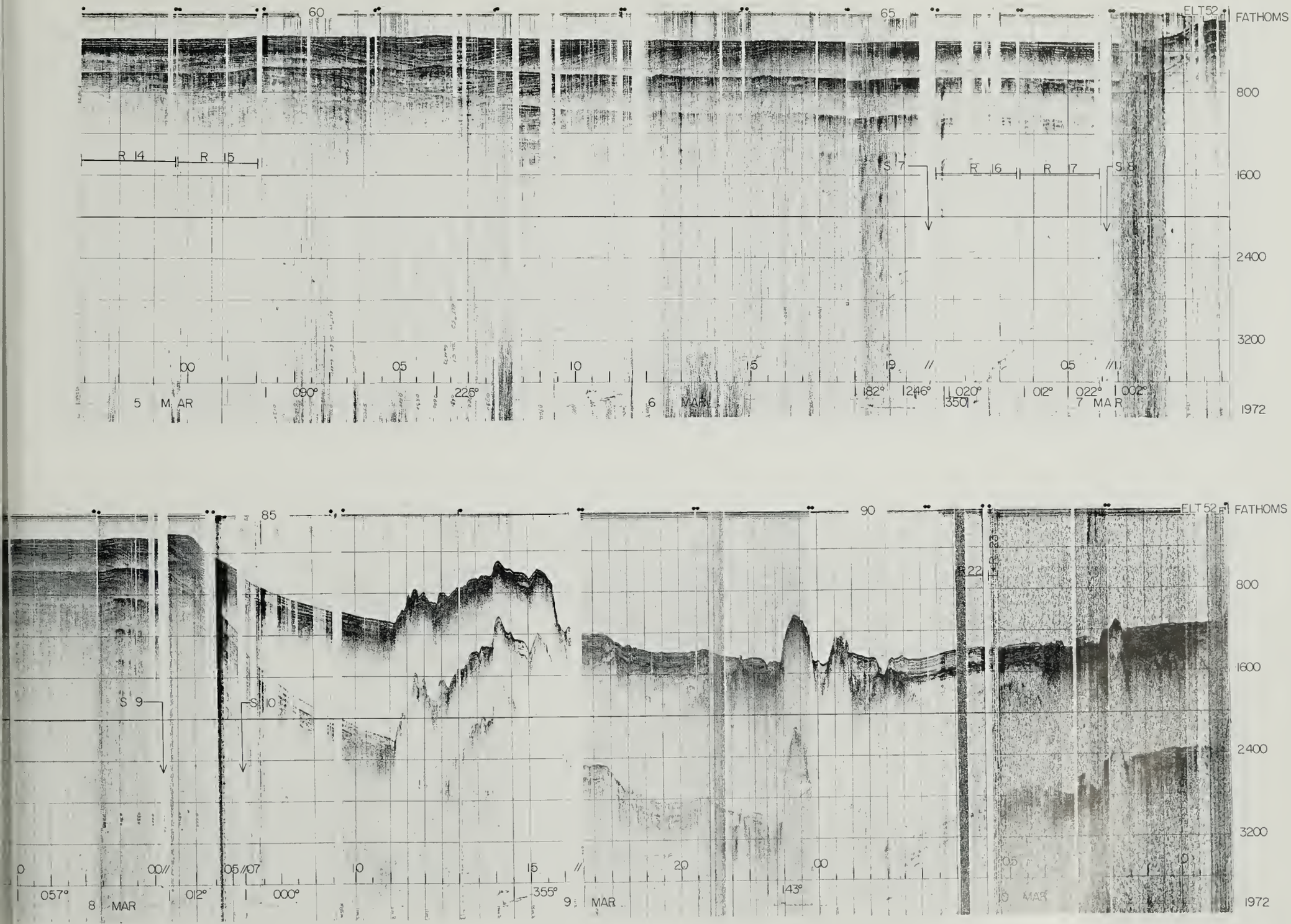
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65
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R 14
R 15
S 7
R 16
R 17
S 8
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05
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19
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ELT52
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S 10
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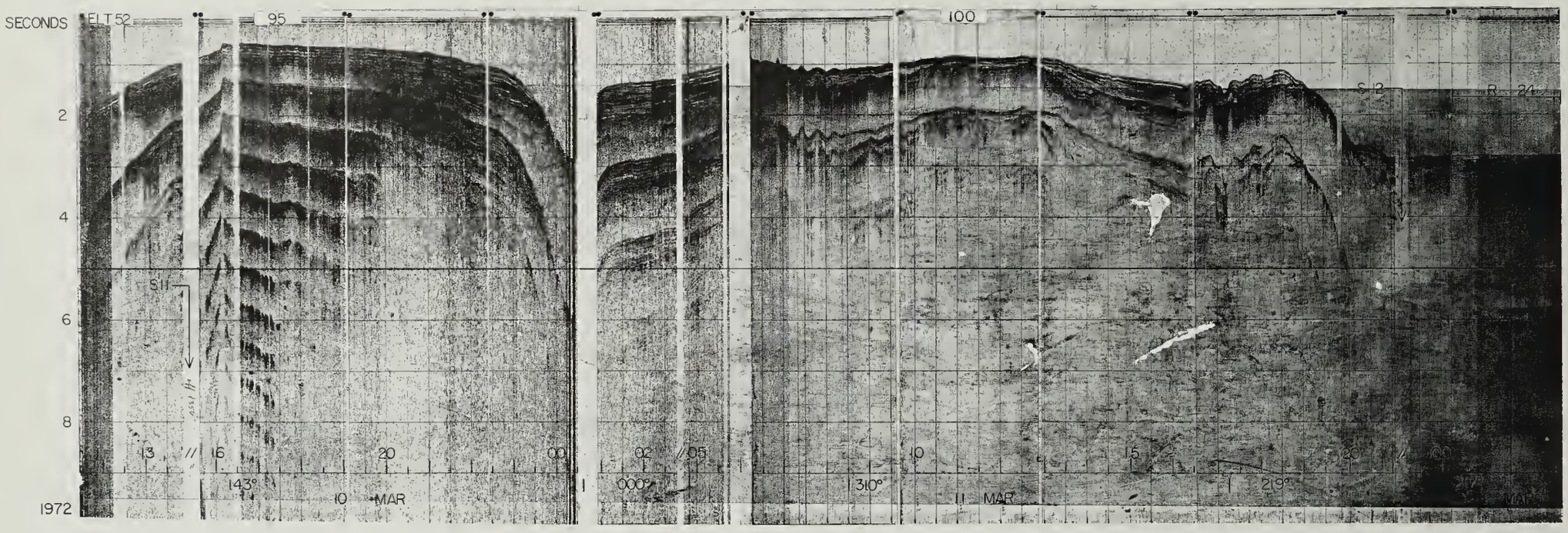
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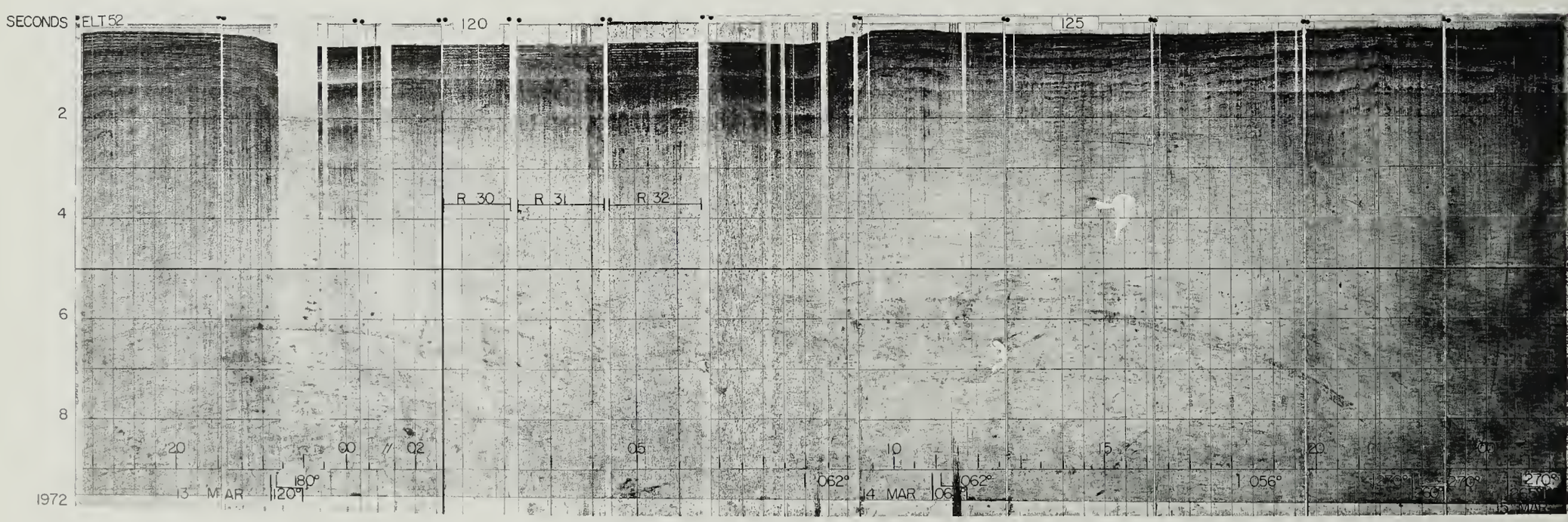
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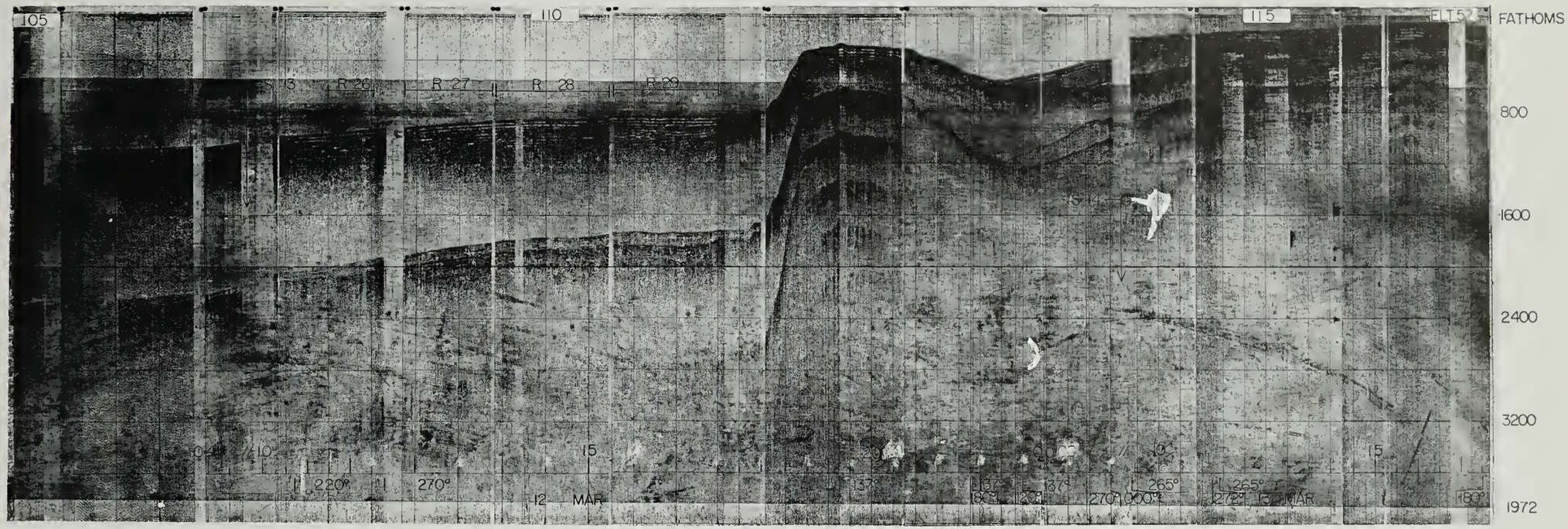
105
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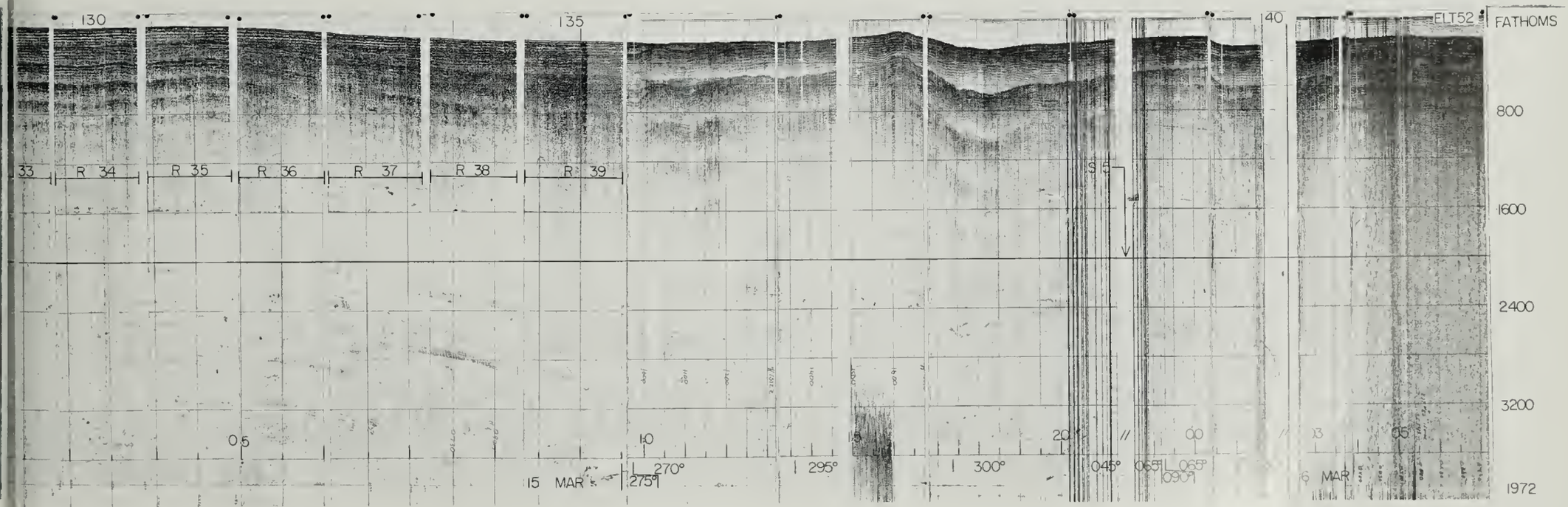
130
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ELT52
FATHOMS
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R 34
R 35
R 36
R 37
R 38
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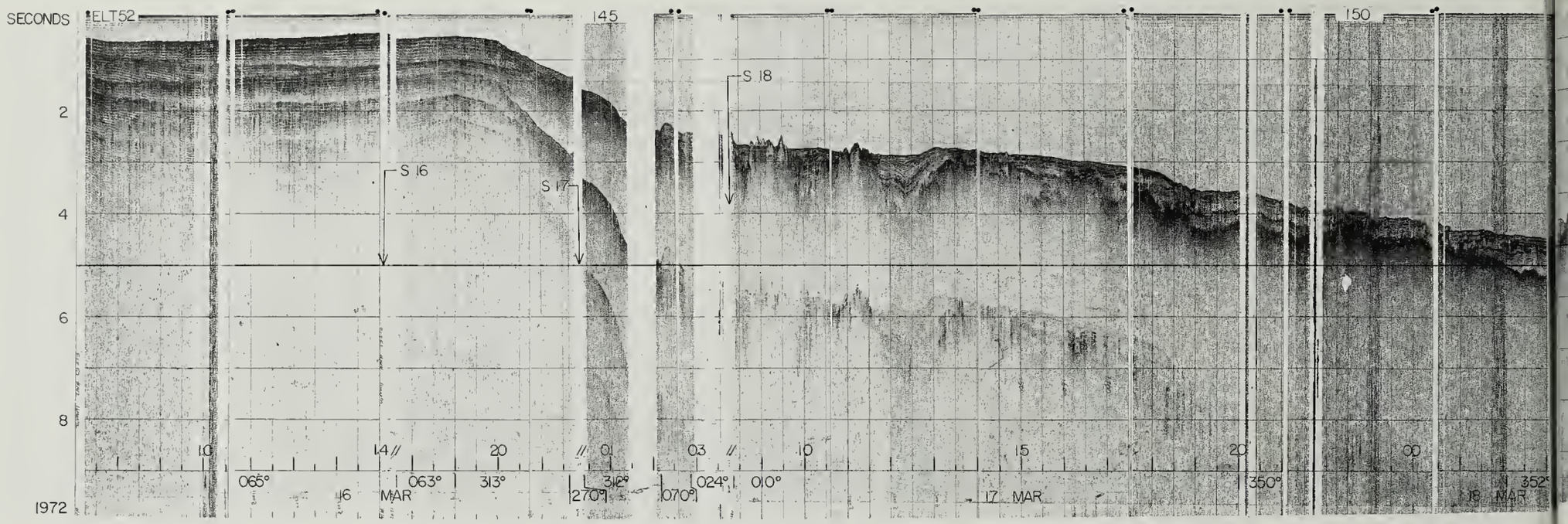
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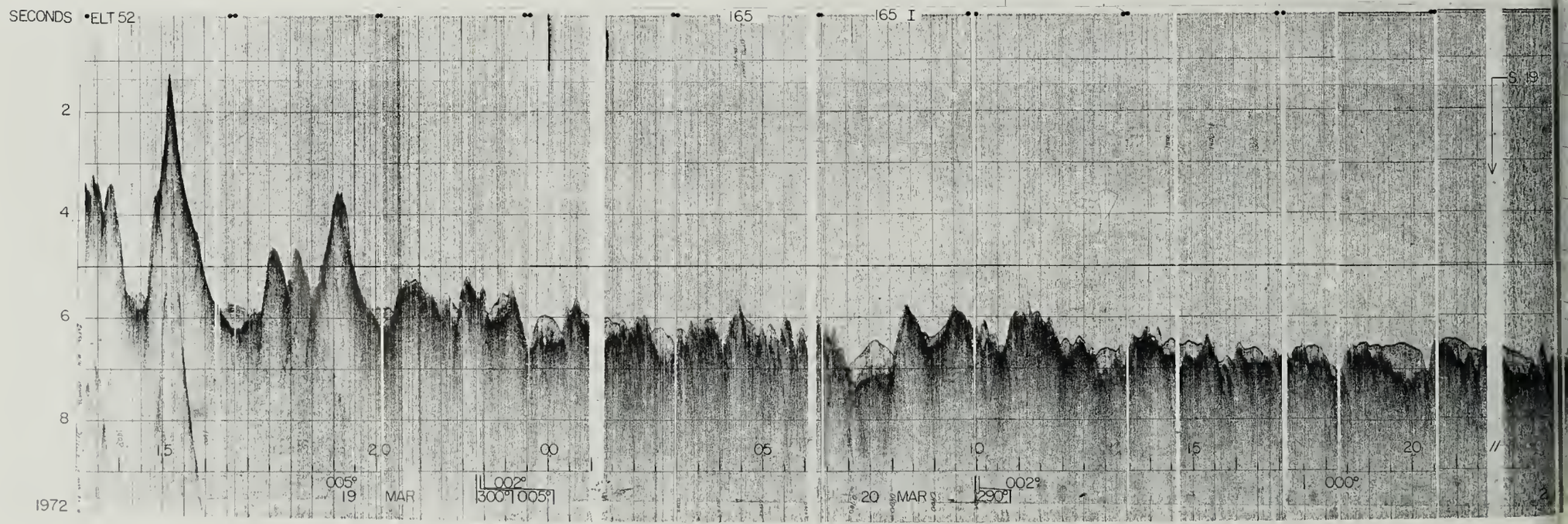
SECONDS
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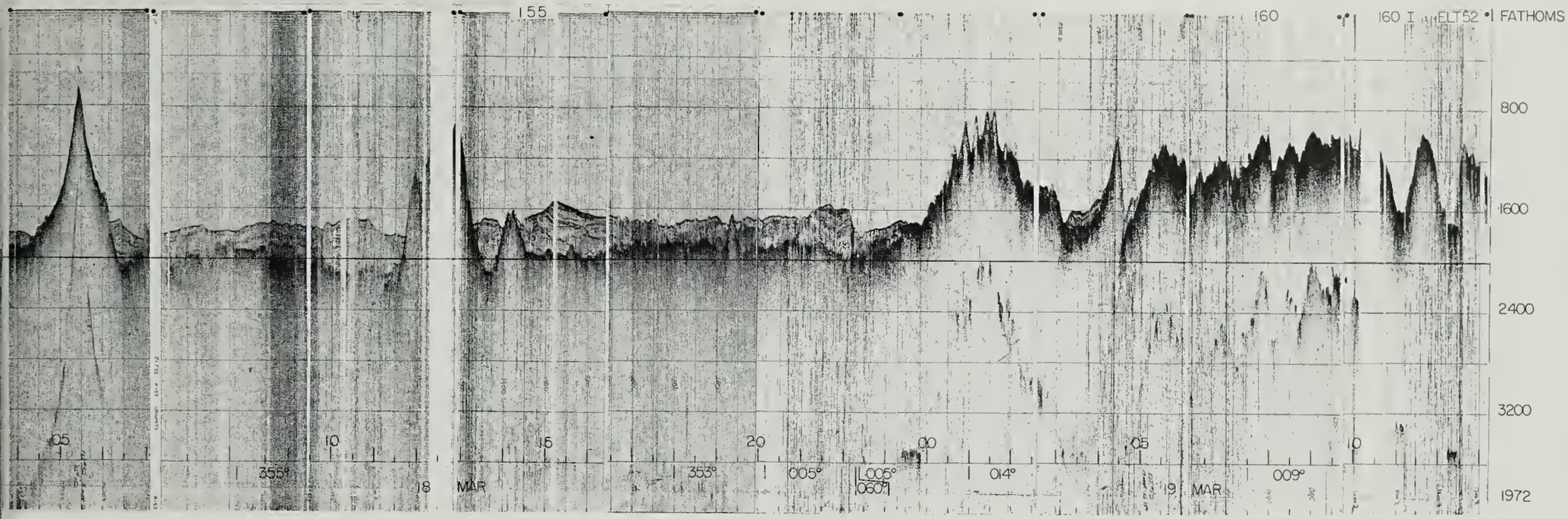
155
160
160 I
ELT 52
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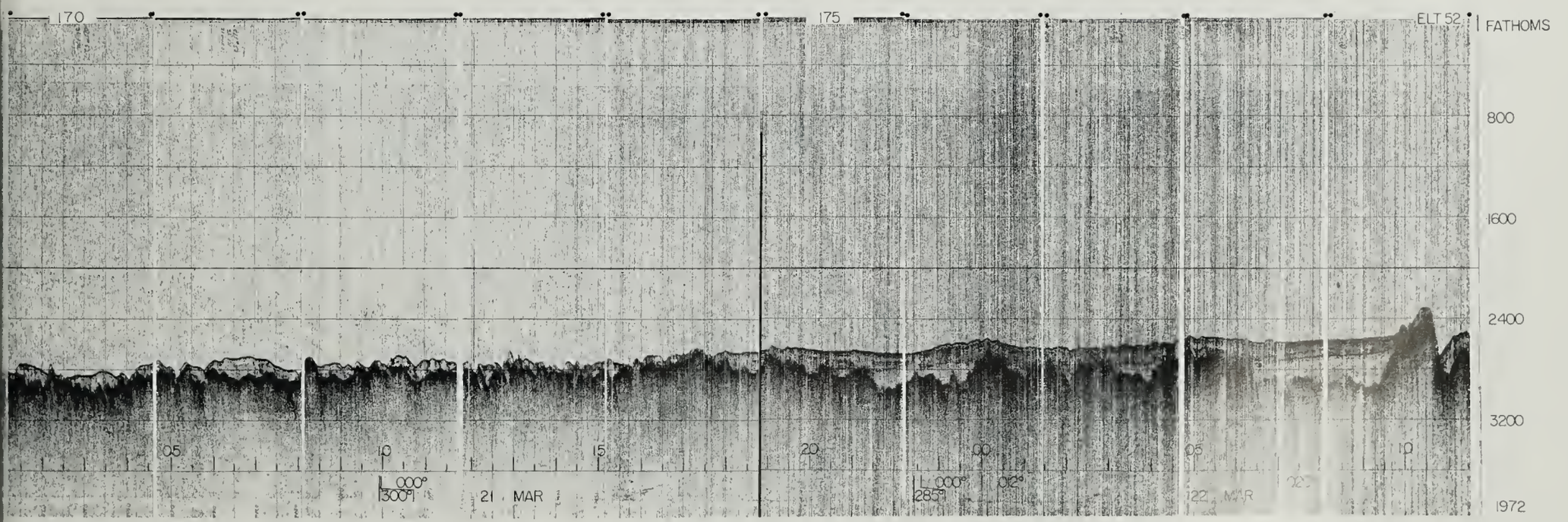
19 MAR
009°


170
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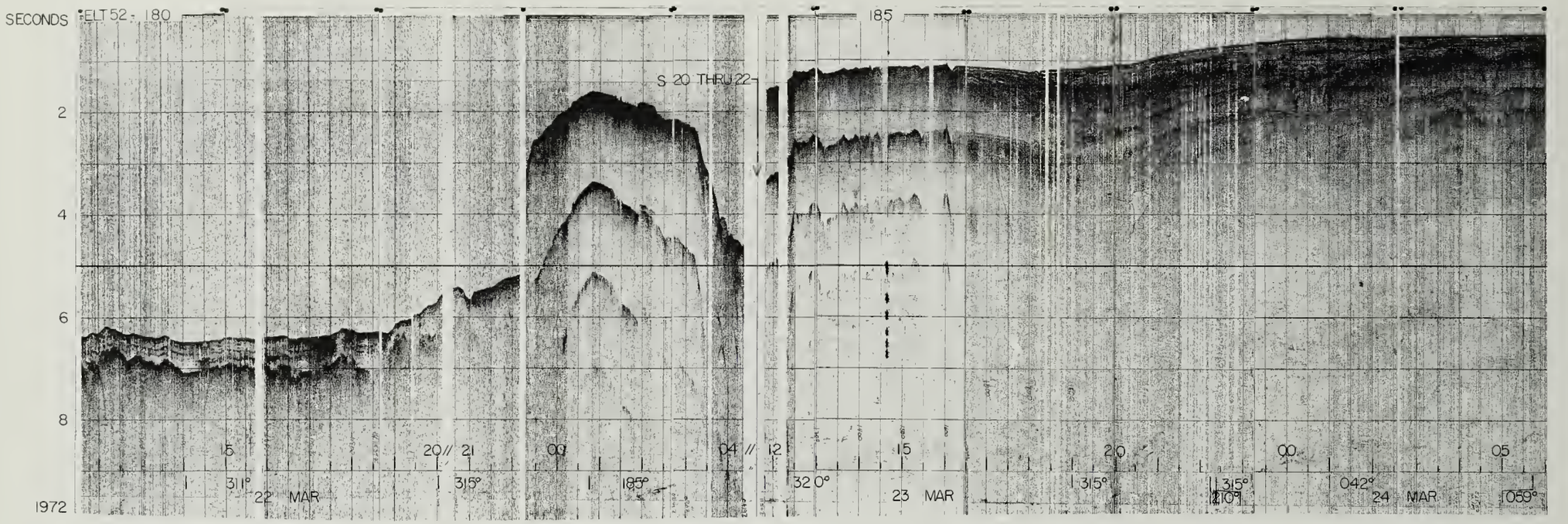
22 MAR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23 MAR
24 MAR
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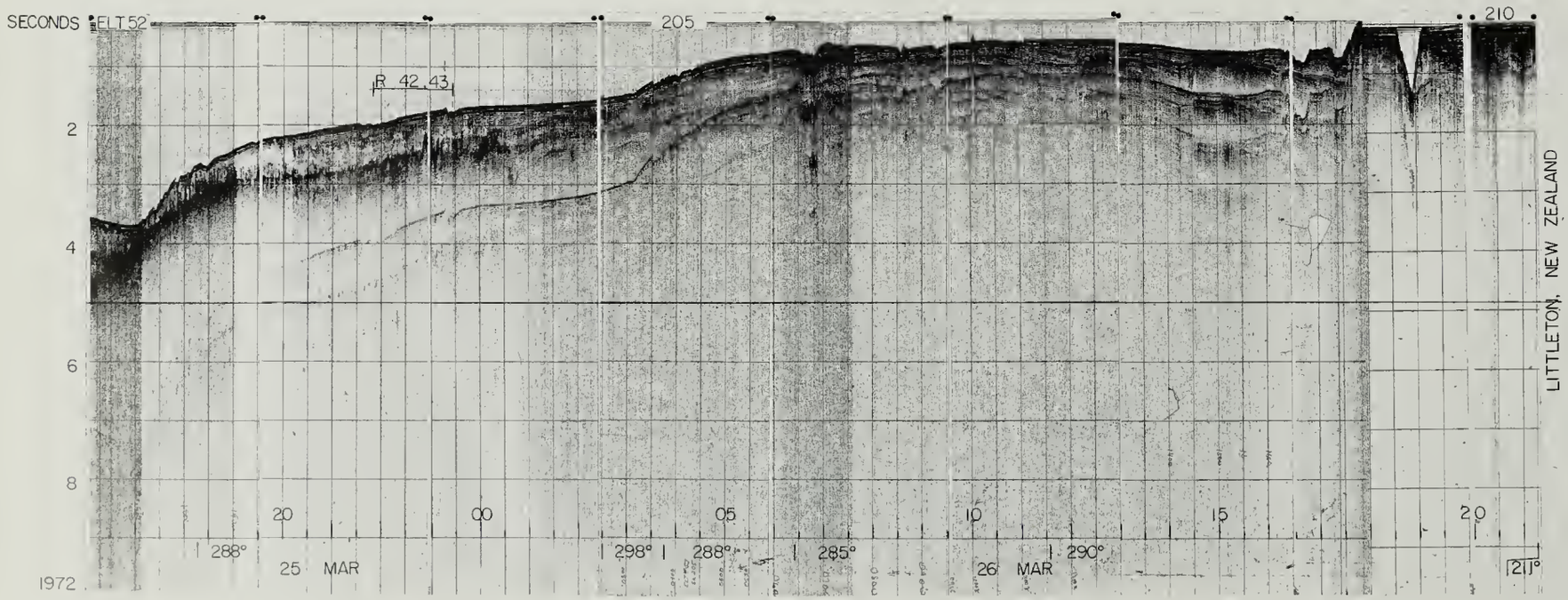
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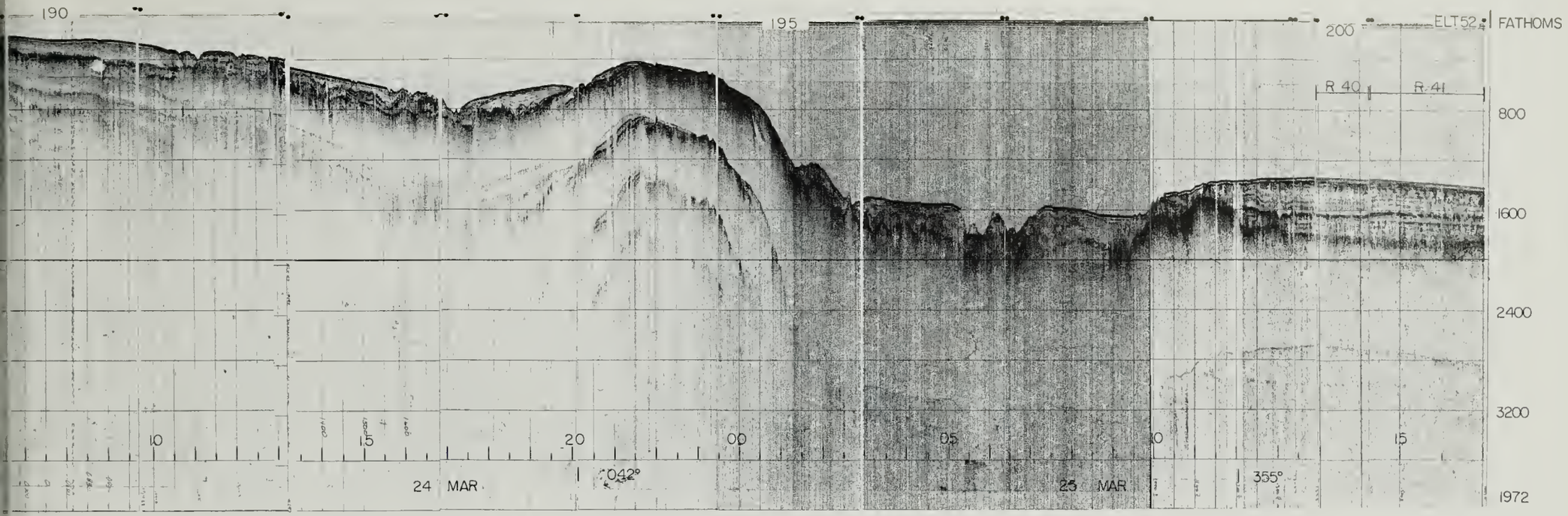
285°
290°
211°
25 MAR
26 MAR
1972
LITTLETON, NEW ZEALAND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ELT 52
FATHOMS
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2400
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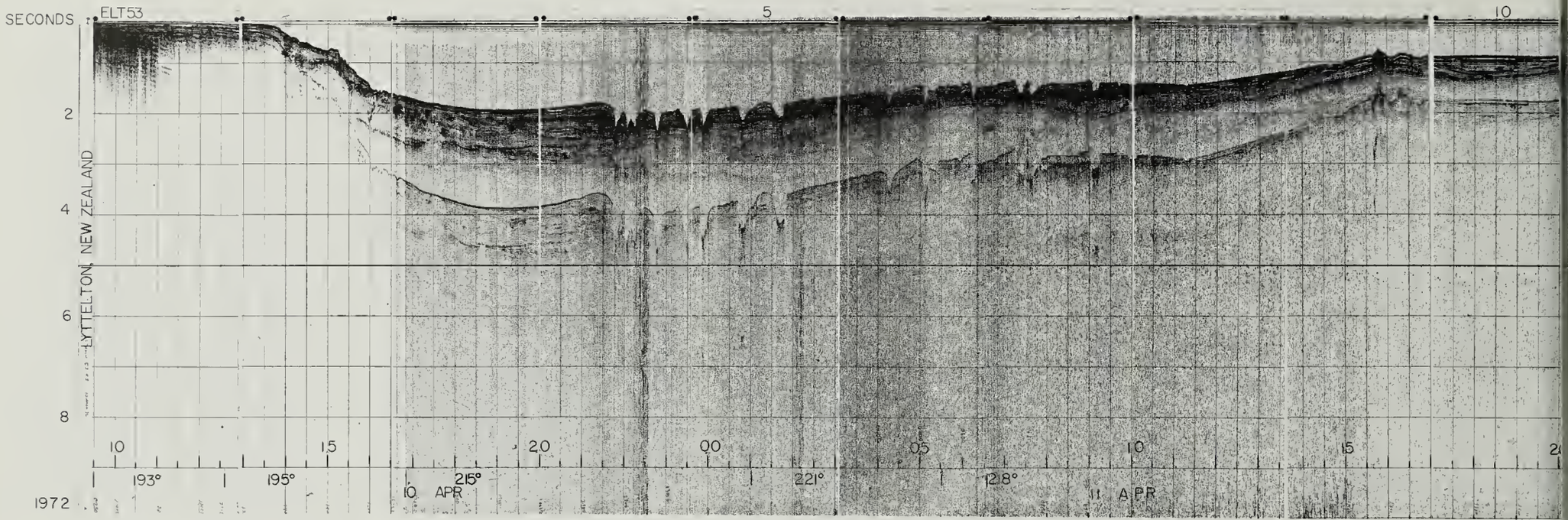
24 MAR
042°
23 MAR
355°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LYTTELTON, NEW ZEALAND
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11 APR
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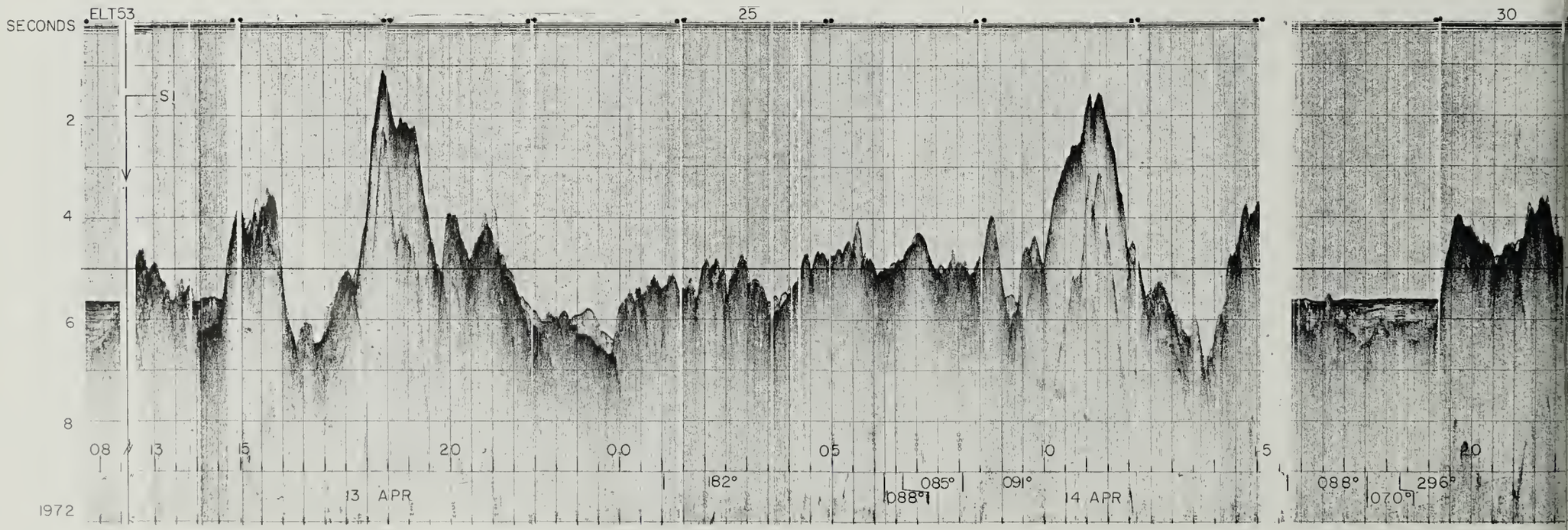
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088°
091°
088°
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13 APR
14 APR
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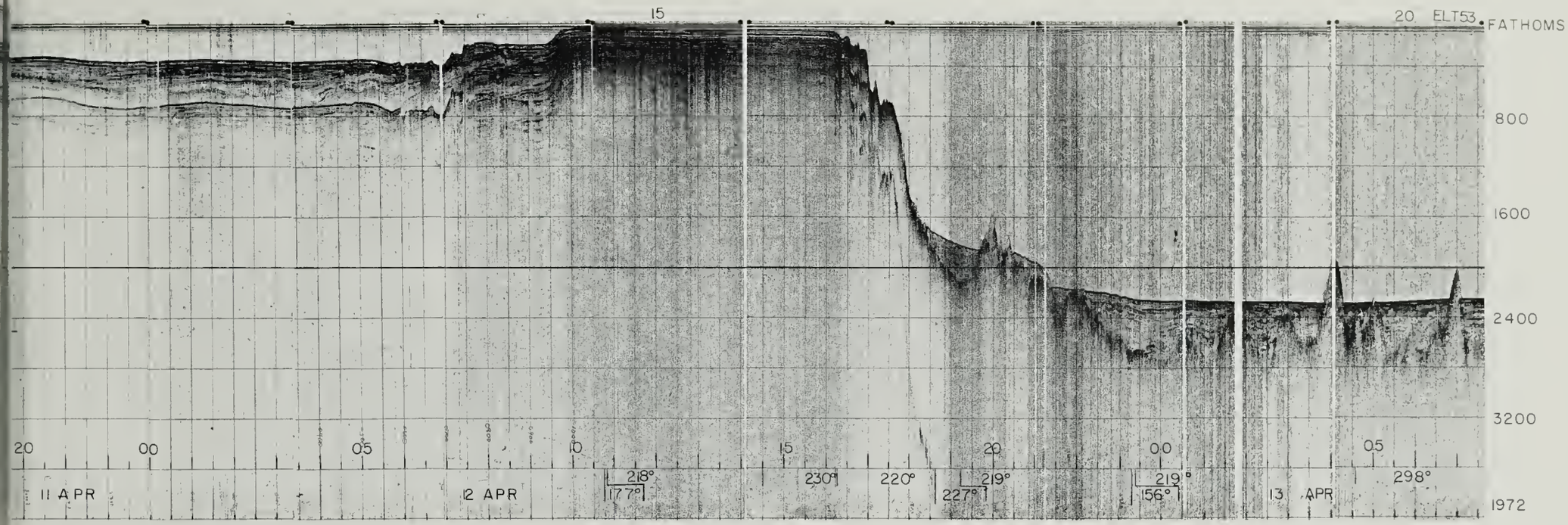
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FATHOMS
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1972
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12 APR
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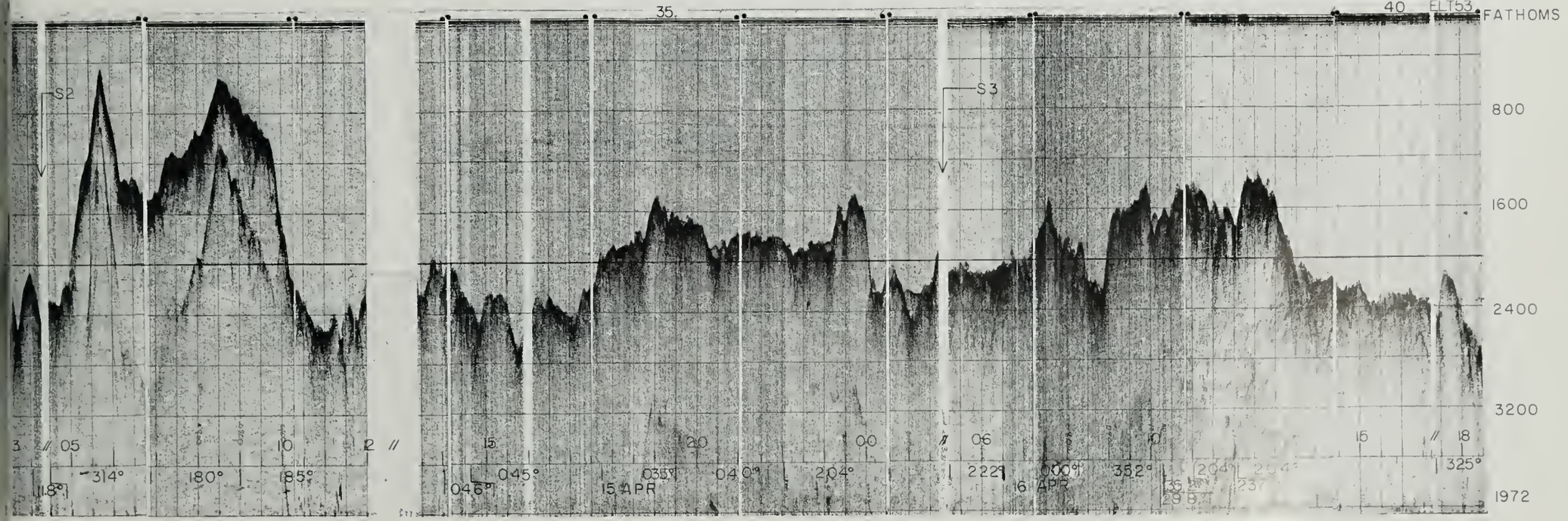
156°
298°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FATHOMS
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3200
1972
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06
15
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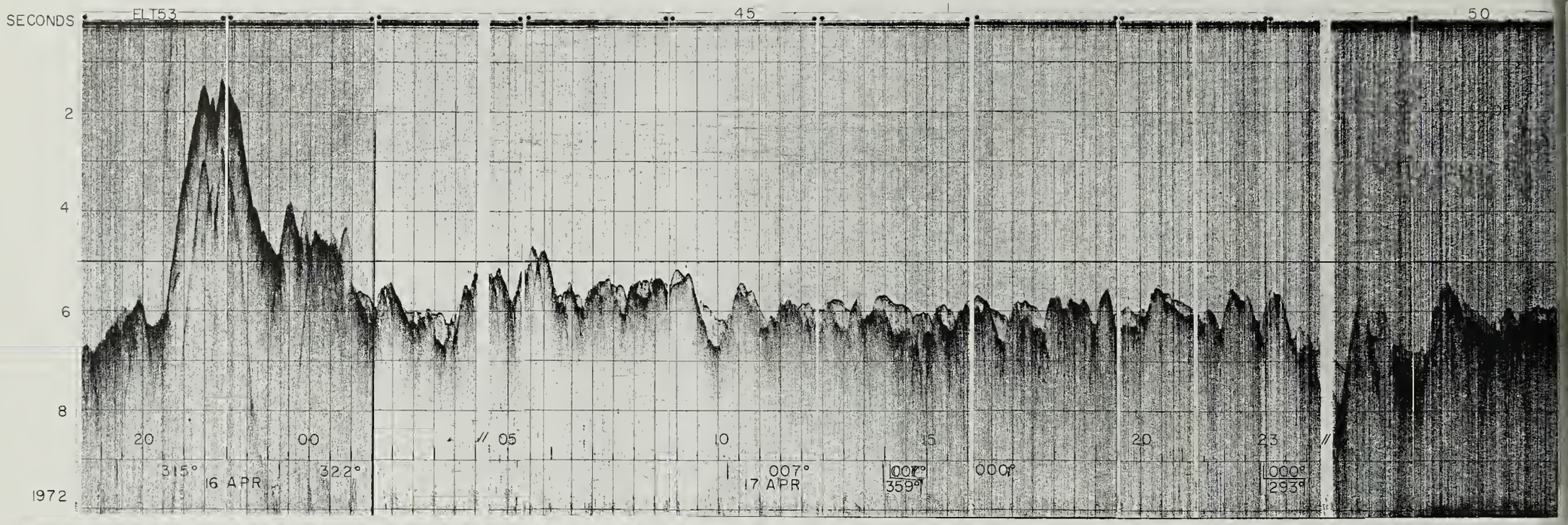
118°
045°
046°
035°
040°
204°
222°
000°
352°
325°
15 APR
16 APR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17 APR
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293°
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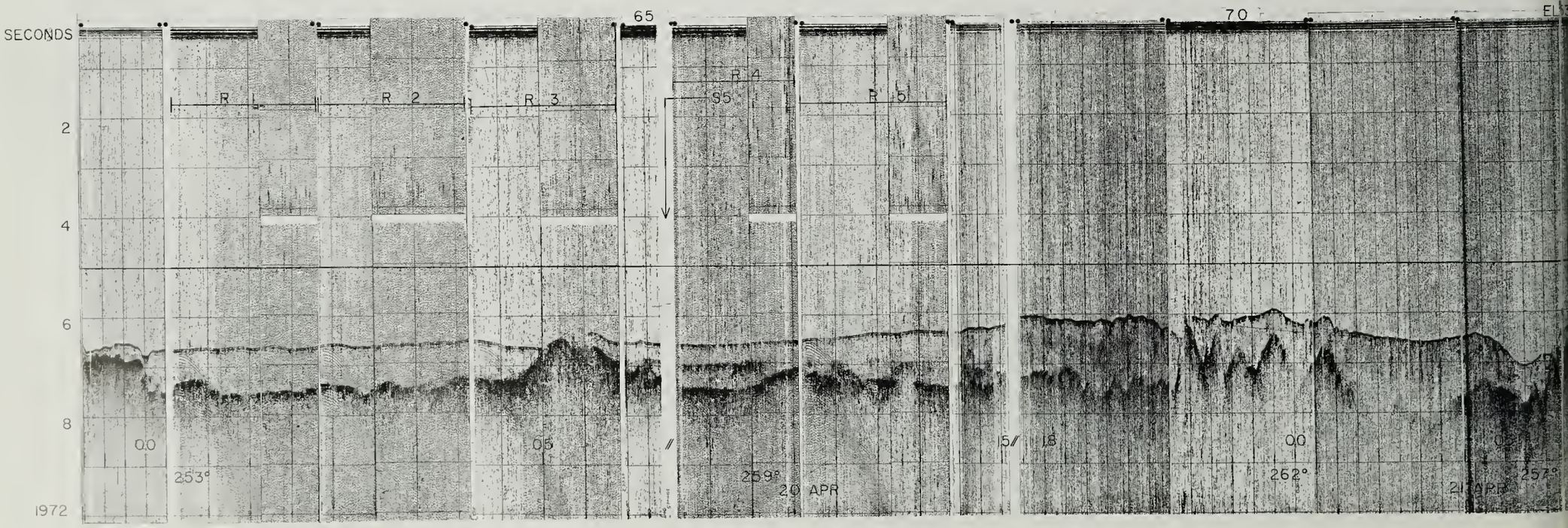
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R 2
R 3
R 4
55
R 5
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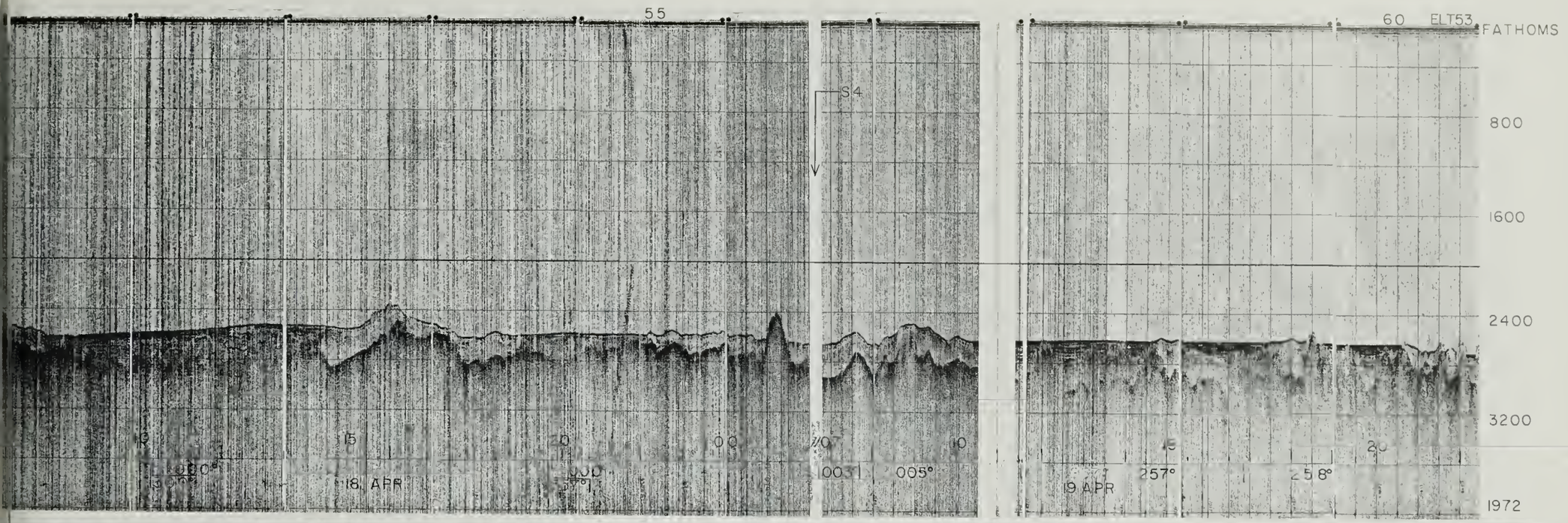
262°
252°
21 APR
1972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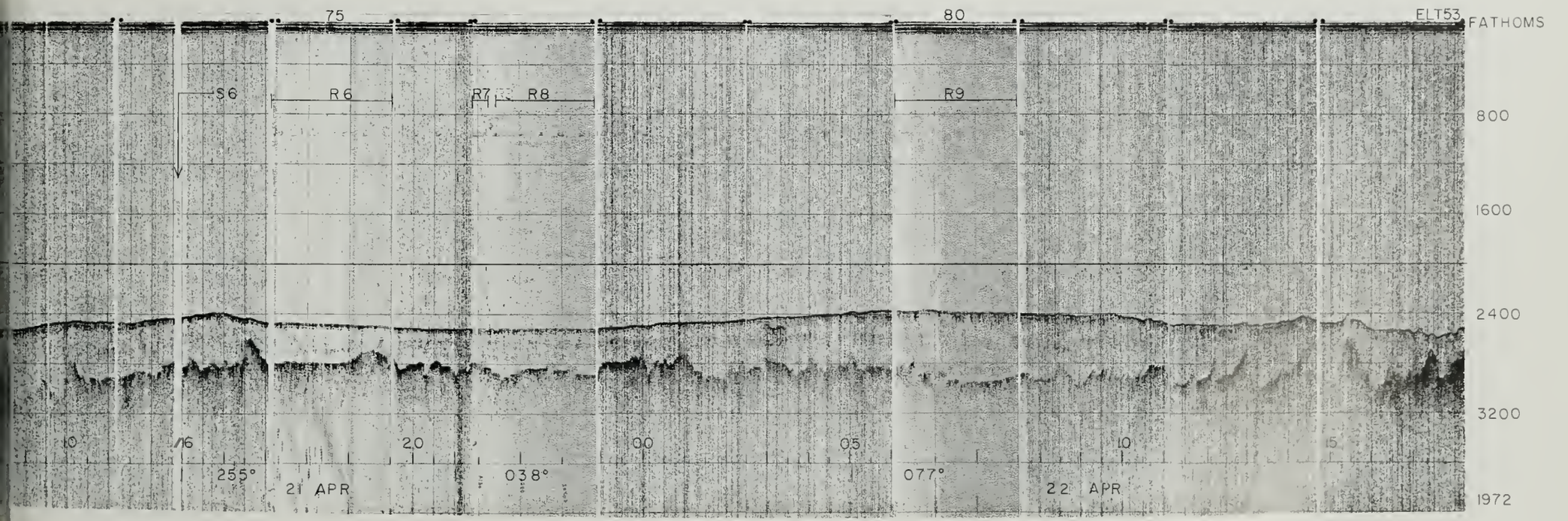
005°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R8
R9
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2400
3200
1972
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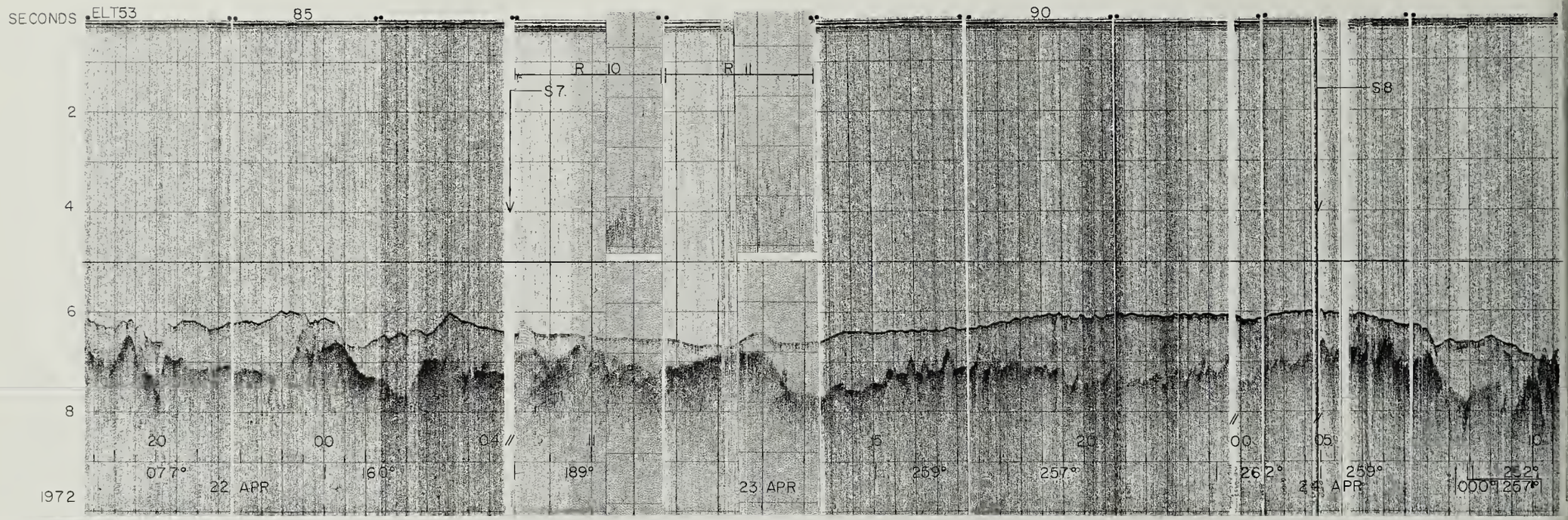
038°
077°
22 APR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R 10
R 11
S7
S8
2
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8
20
00
04
15
20
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077°
22 APR
160°
189°
23 APR
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24 APR
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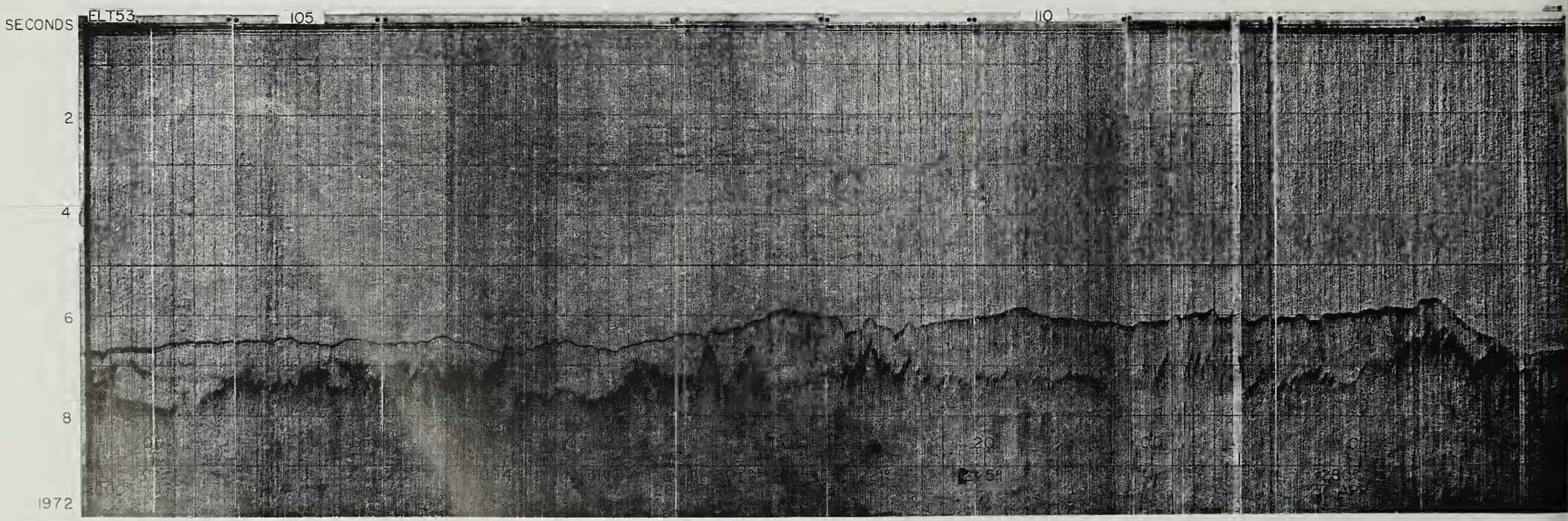
252°
000° 257°
1972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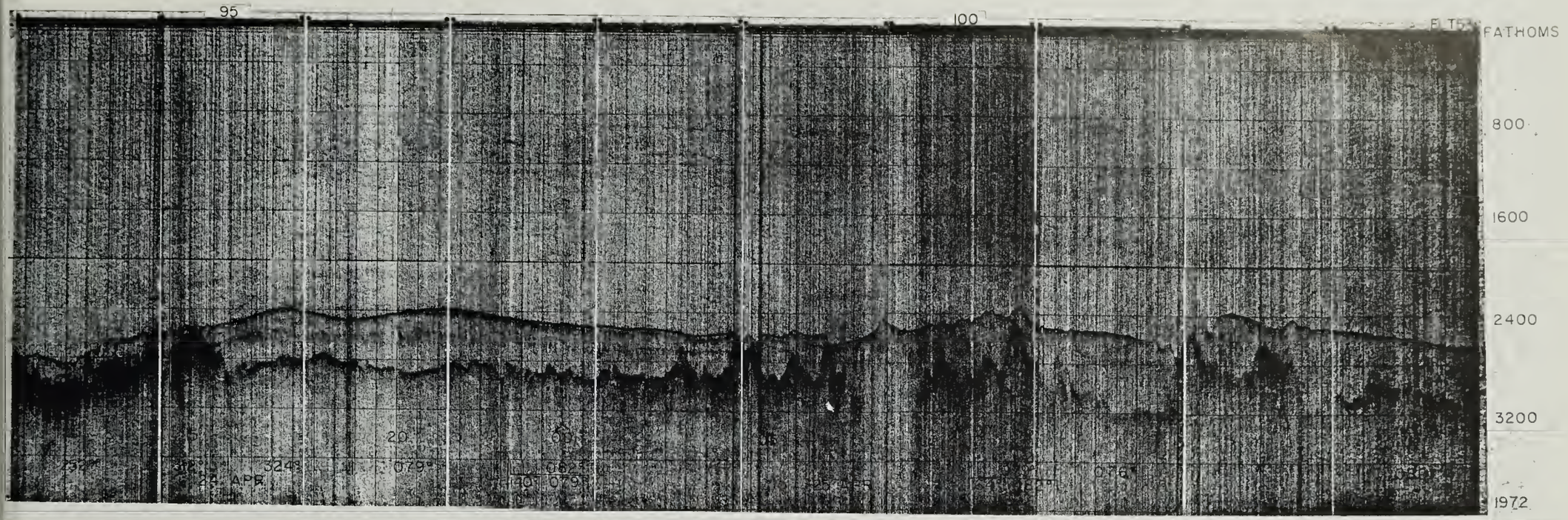
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FATHOMS
800
1600
2400
3200
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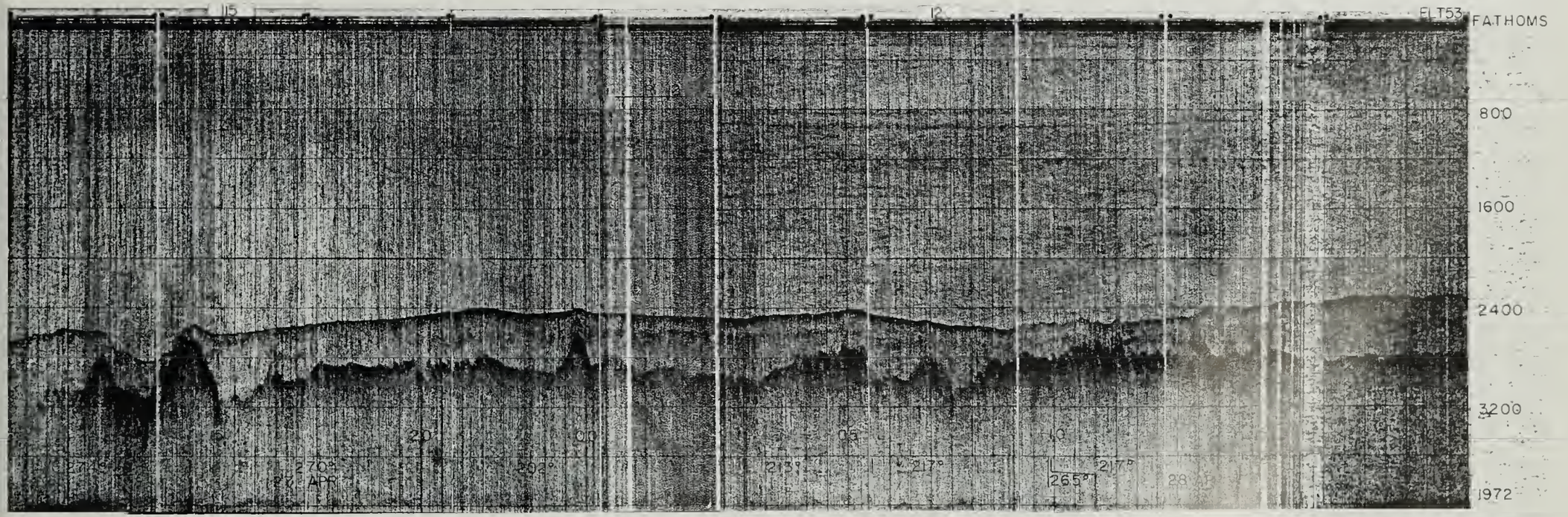
079°
24 APR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FATHOMS
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1600
2400
3200
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270°
27 APR
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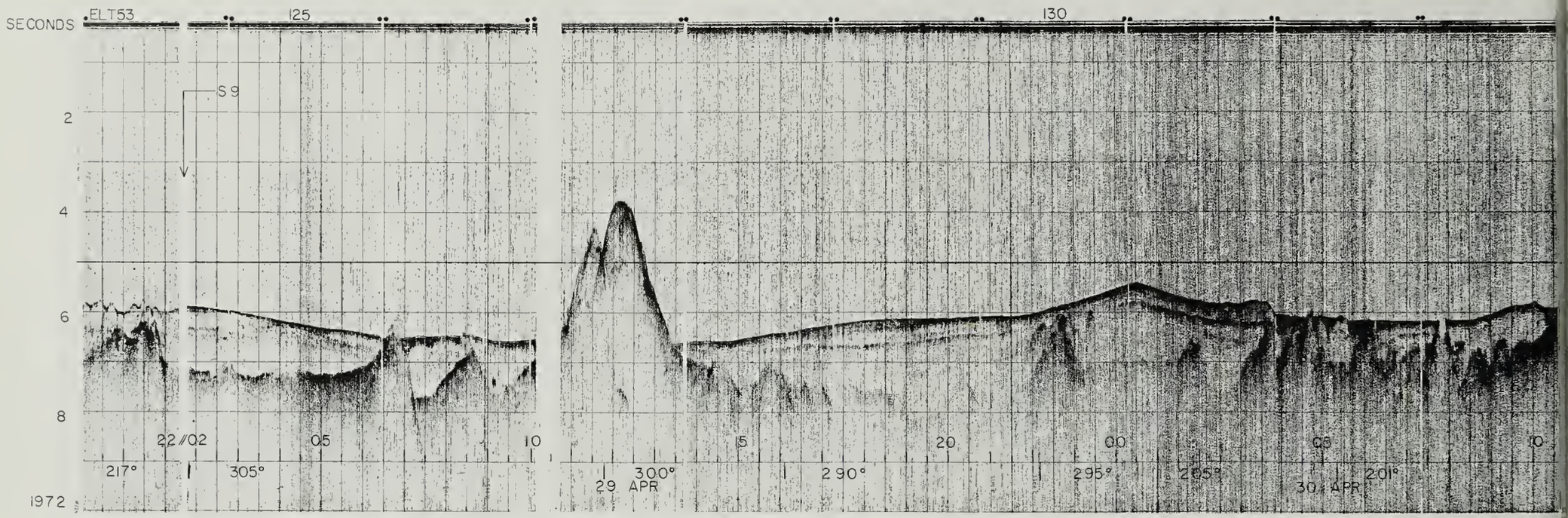
217°
265°
217°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130
S 9
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05
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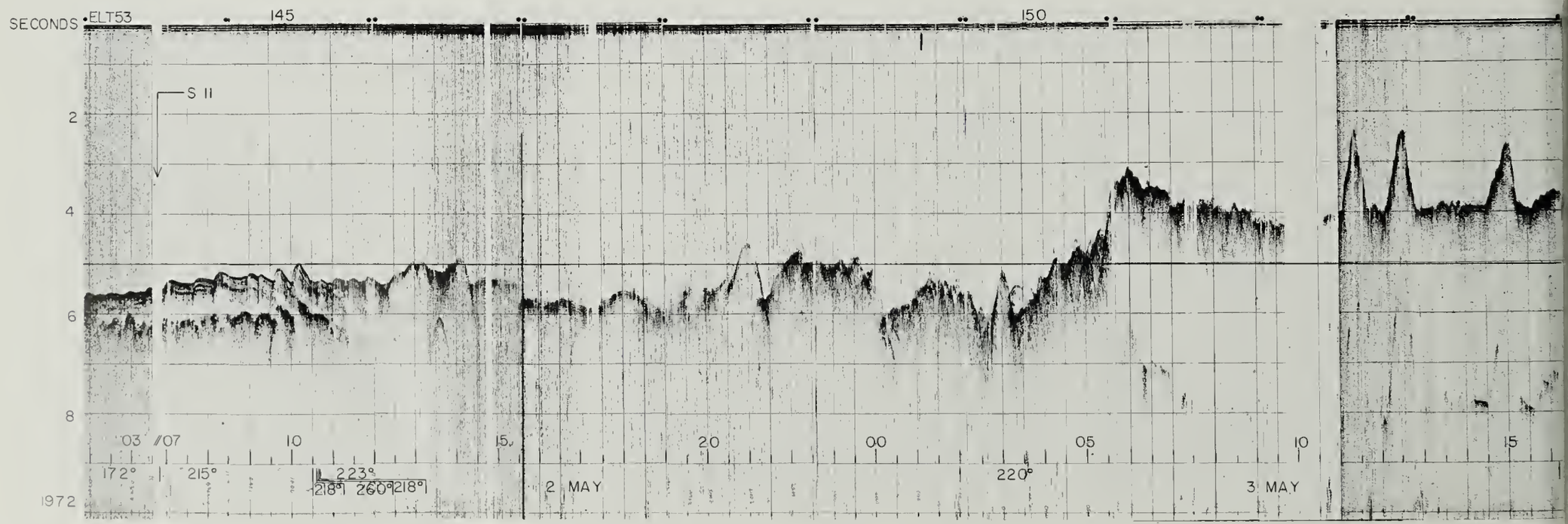
305°
300°
29 APR
290°
295°
295°
30 APR
201°
1972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ELT53
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150
S 11
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6
8
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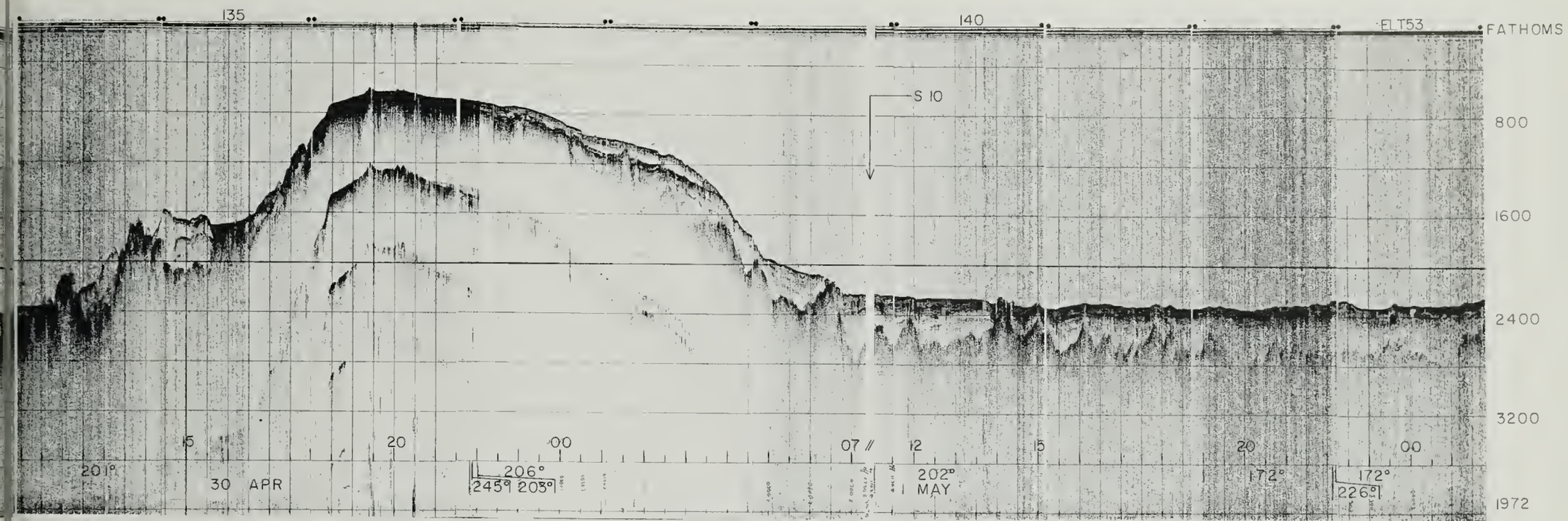
00
05
10
15
172°
215°
223°
218° 260° 218°
2 MAY
220°
3 MAY
1972


135
140
ELT53
FATHOMS
S 10
800
1600
2400
3200
1972
15
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12
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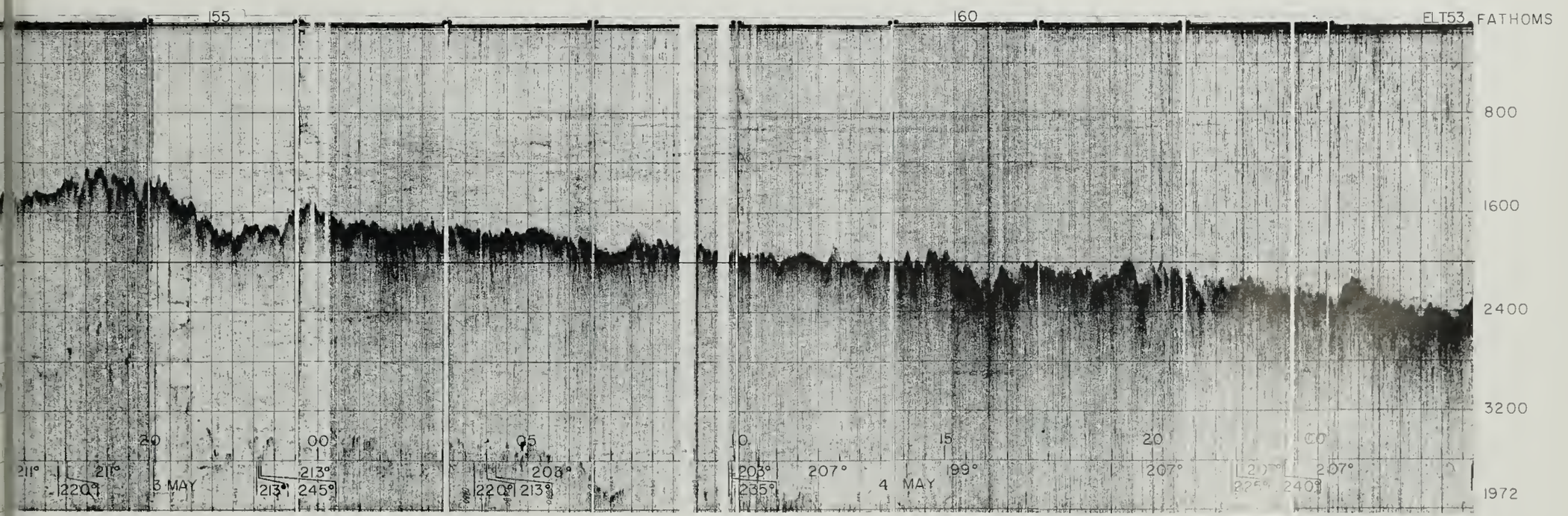
00
201°
30 APR
206°
245°
203°
202°
1 MAY
172°
172°
226°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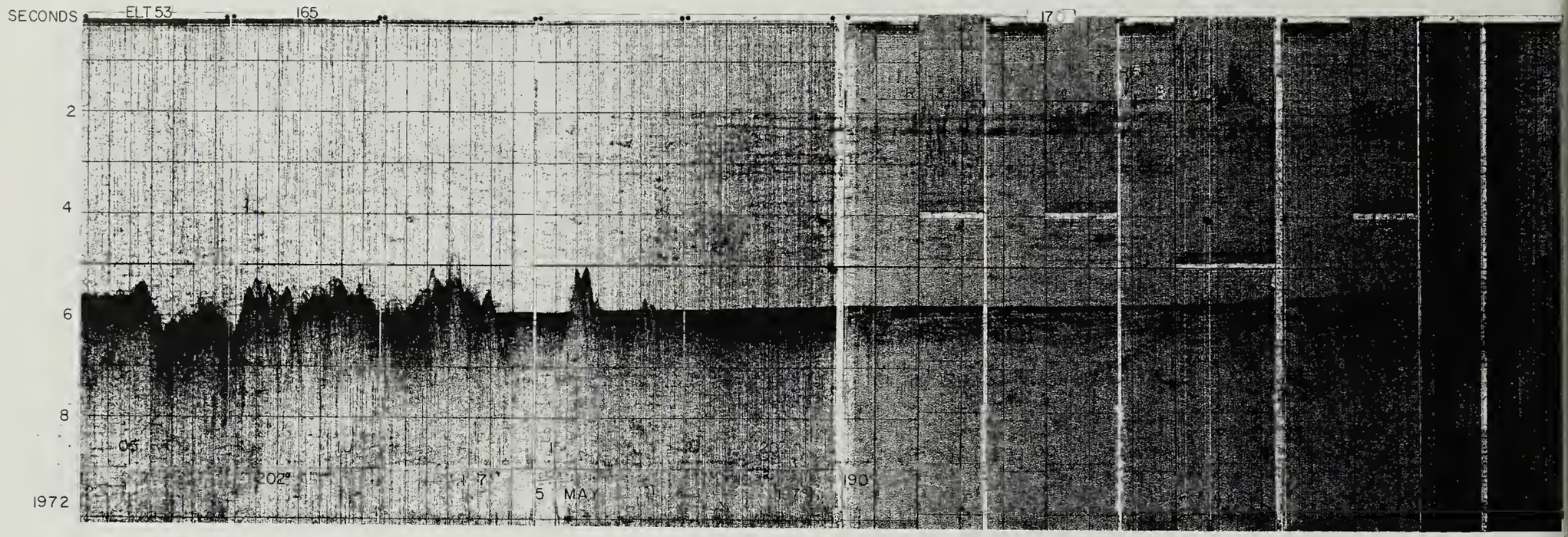
160
ELT53
FATHOMS
800
1600
2400
3200
1972
20
00
05
10
15
20
211°
211°
220°
3 MAY
213°
213°
245°
208°
220°
213°
208°
235°
207°
4 MAY
199°
207°
207°
240°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ELT 53
165
170
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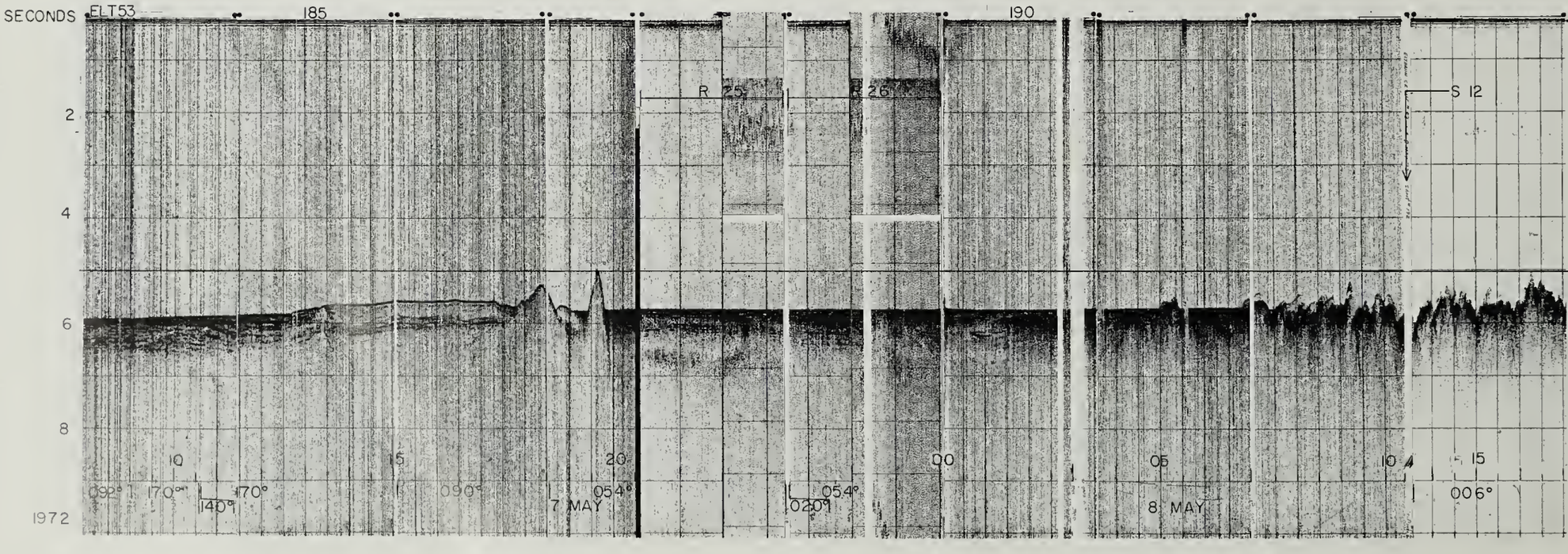
1972
05
202°
5 MAY
190


SECONDS
ELT53
185
190
R 25
R 26
S 12
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6
8
1972
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092°
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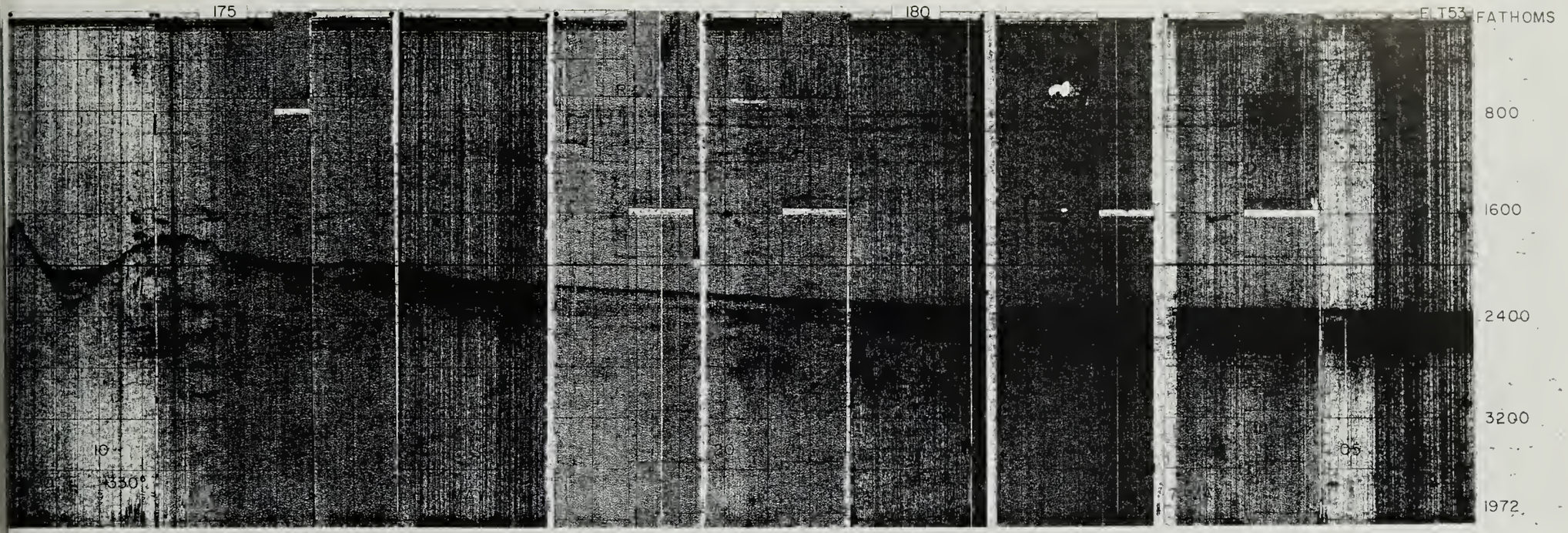
140°
170°
090°
054°
7 MAY
020°
054°
8 MAY
006°


175
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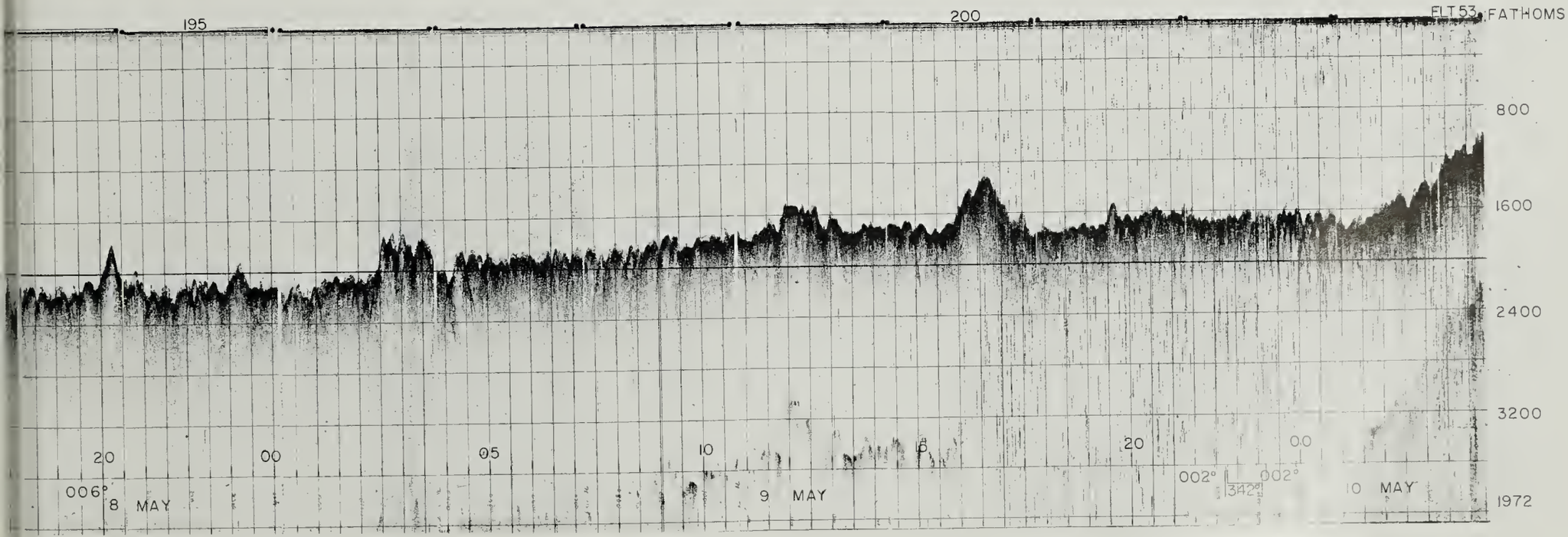
FLT 53
FATHOMS
800
1600
2400
3200
1972
10
+330°
05


195
200
FLT 53
FATHOMS
800
1600
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3200
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20
00
05
10
15
20
00
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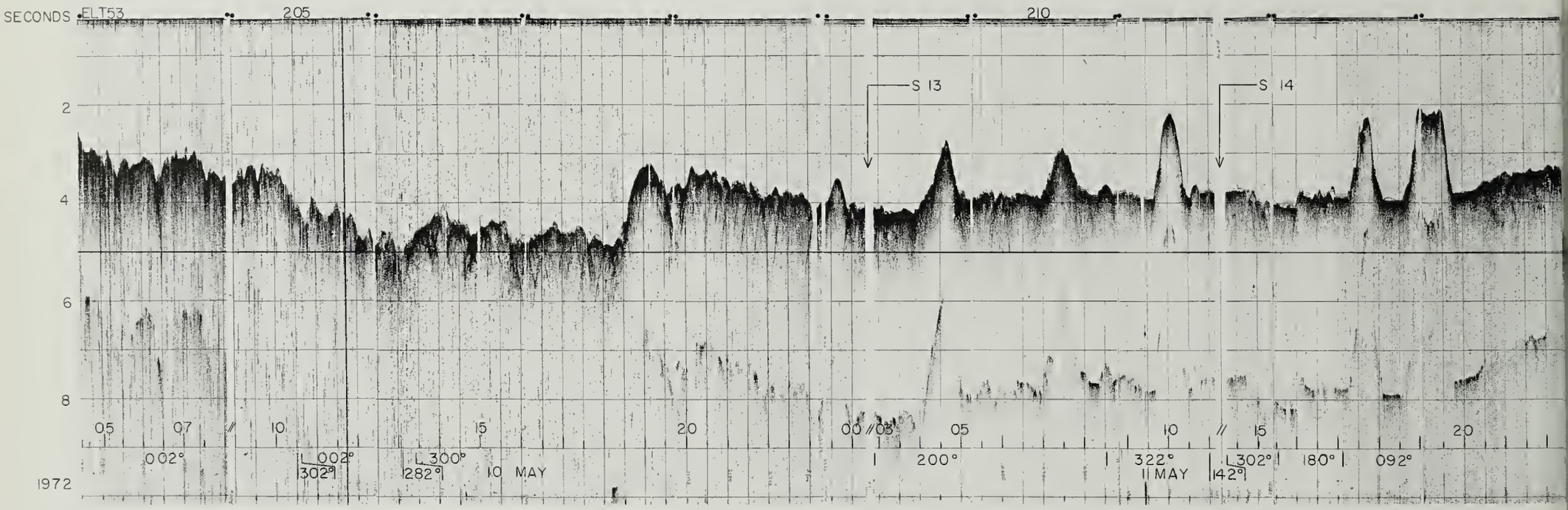
8 MAY
9 MAY
002°
342°
002°
10 MAY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ELT 53
205
210
S 13
S 14
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302°
300°
282°
10 MAY
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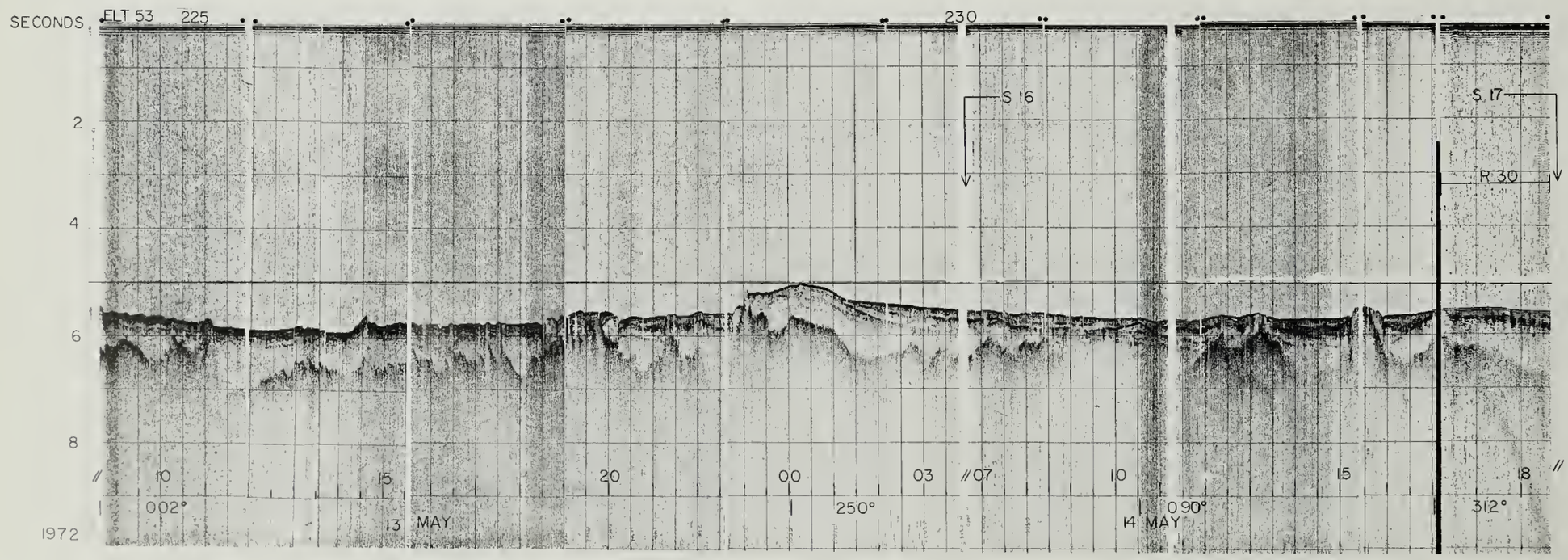
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225
230
S 16
S 17
R 30
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090°
14 MAY
312°
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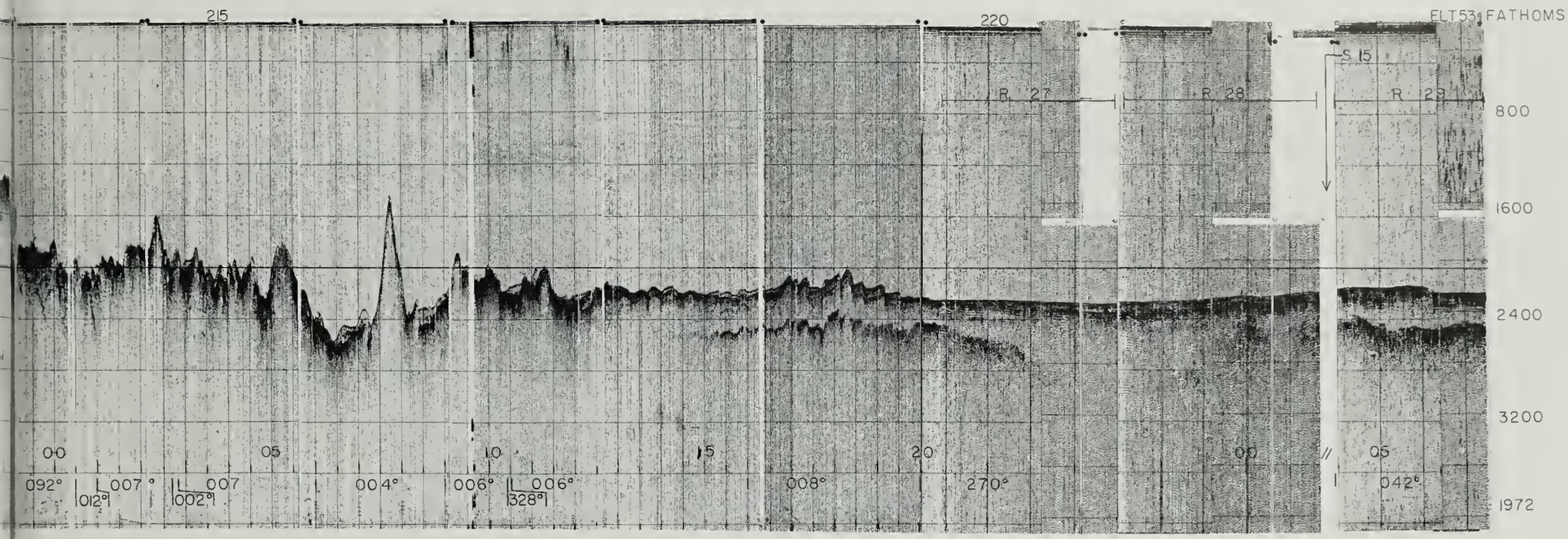
215
220
ELT53 FATHOMS
S 15
R 27
R 28
R 29
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1600
2400
3200
1972
00
05
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007°
012°
007
002°
004°
006°
006°
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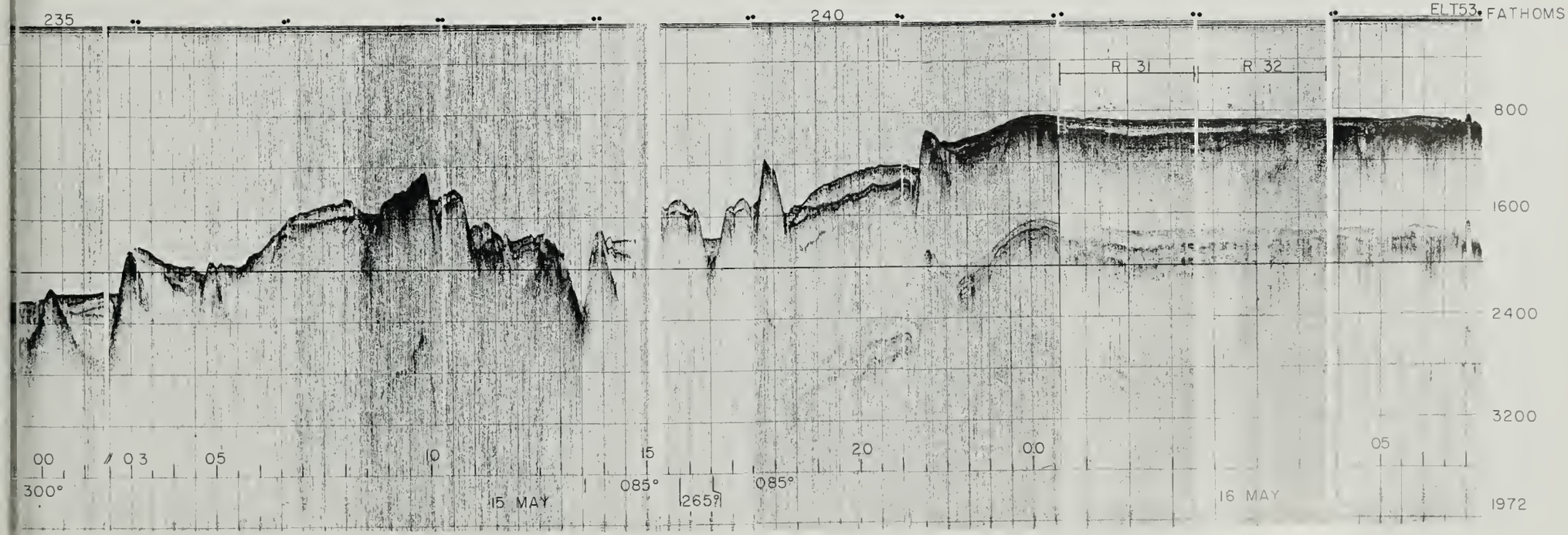
008°
270°
042°


235
240
ELT53 FATHOMS
R 31
R 32
800
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2400
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00
03
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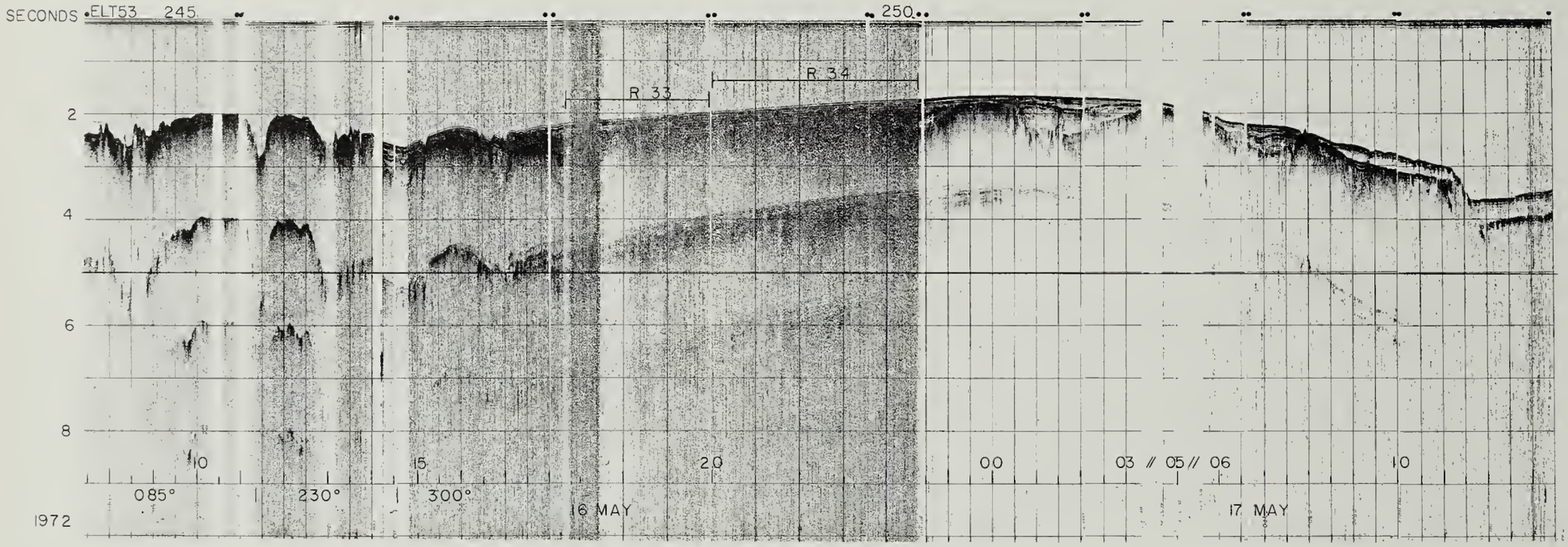
265°
085°
15 MAY
16 MAY


SECONDS
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250
R 33
R 34
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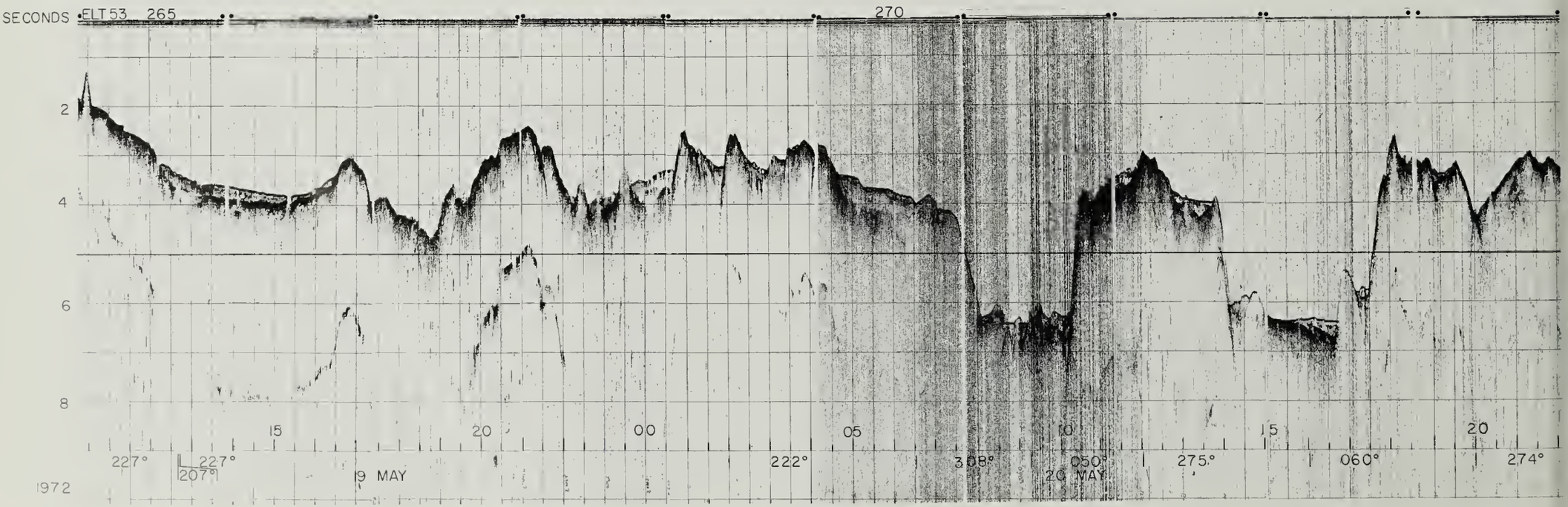
20
00
03 // 05 // 06
10
085°
230°
300°
16 MAY
17 MAY
1972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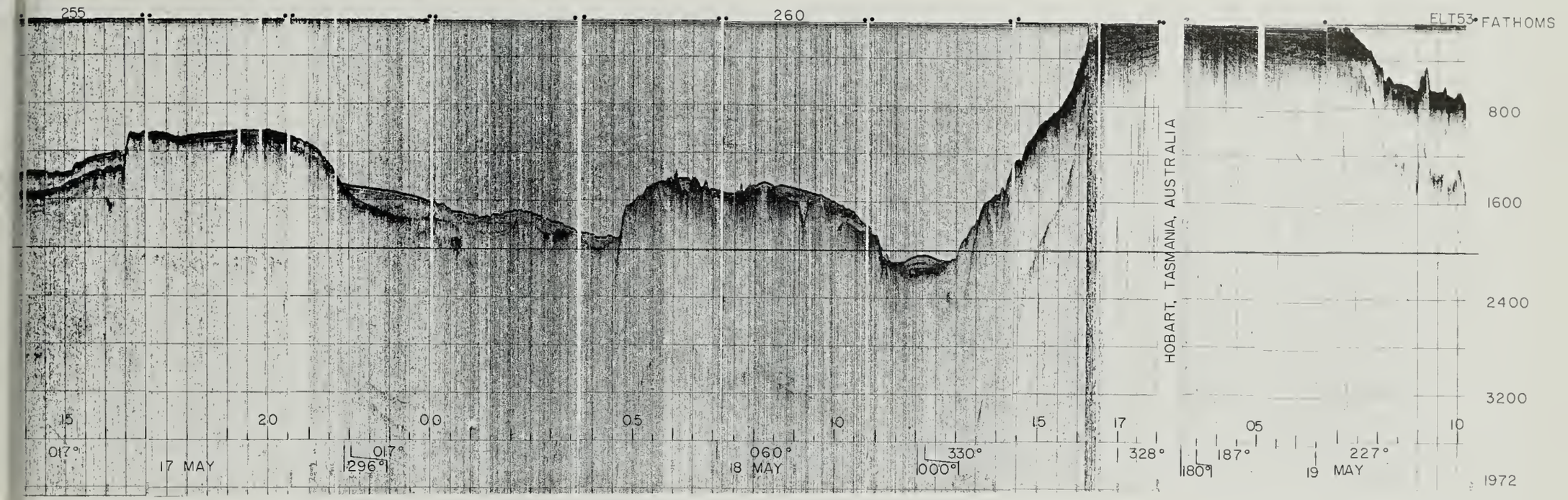
227°
207°
19 MAY
222°
308°
050°
20 MAY
275°
060°
274°
1972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260
ELT53
FATHOMS
800
1600
2400
3200
1972
HOBART, TASMANIA, AUSTRALIA
15
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10
15
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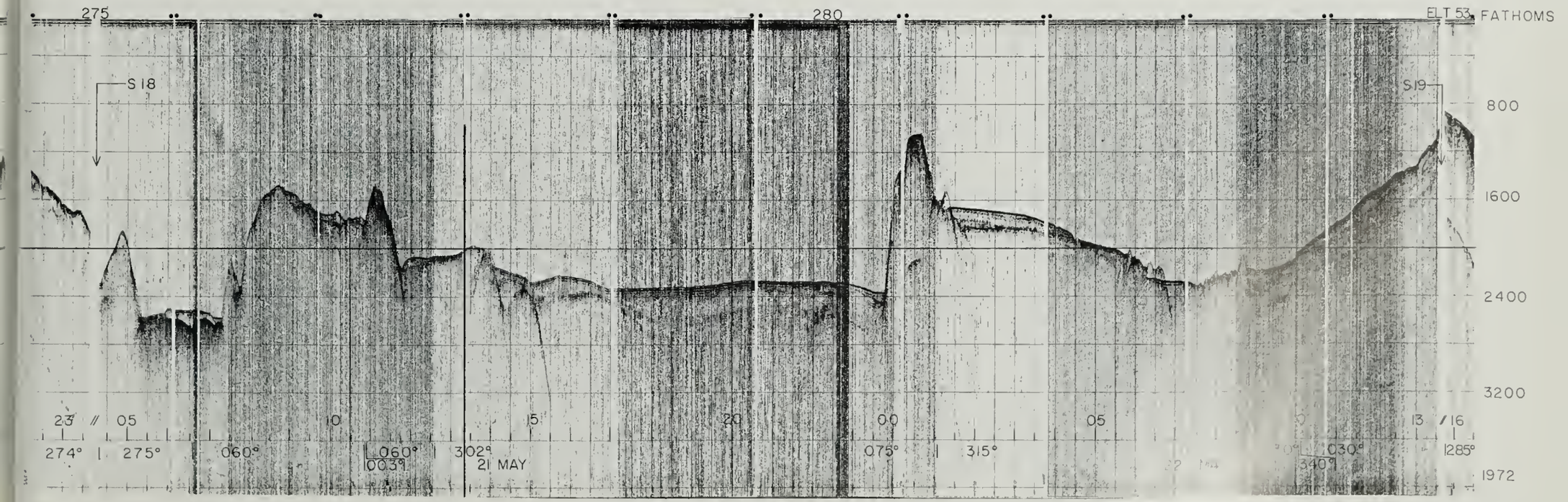
17 MAY
017°
296°
060°
18 MAY
330°
000°
328°
187°
180°
227°
19 MAY


275
280
ELT 53
FATHOMS
S 18
S 19
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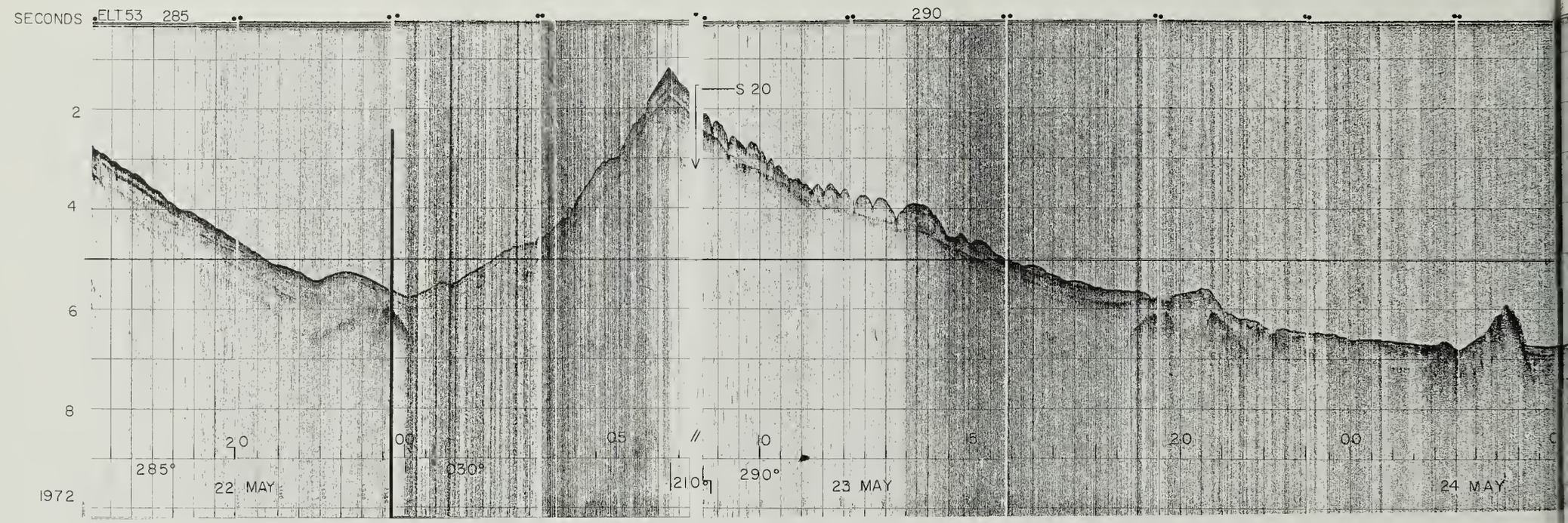
1600
2400
3200
1972
23 // 05
10
15
20
00
05
13 // 16
274°
275°
060°
060°
003°
302°
21 MAY
075°
315°
030°
340°
285°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23 MAY
24 MAY
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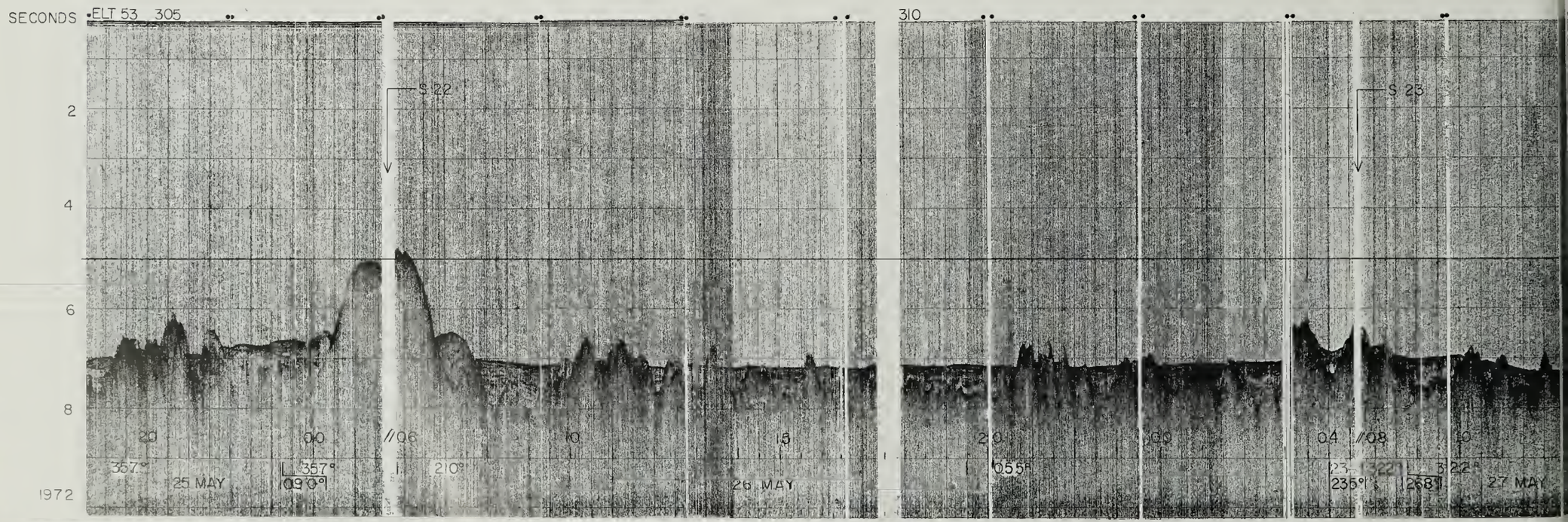
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25 MAY
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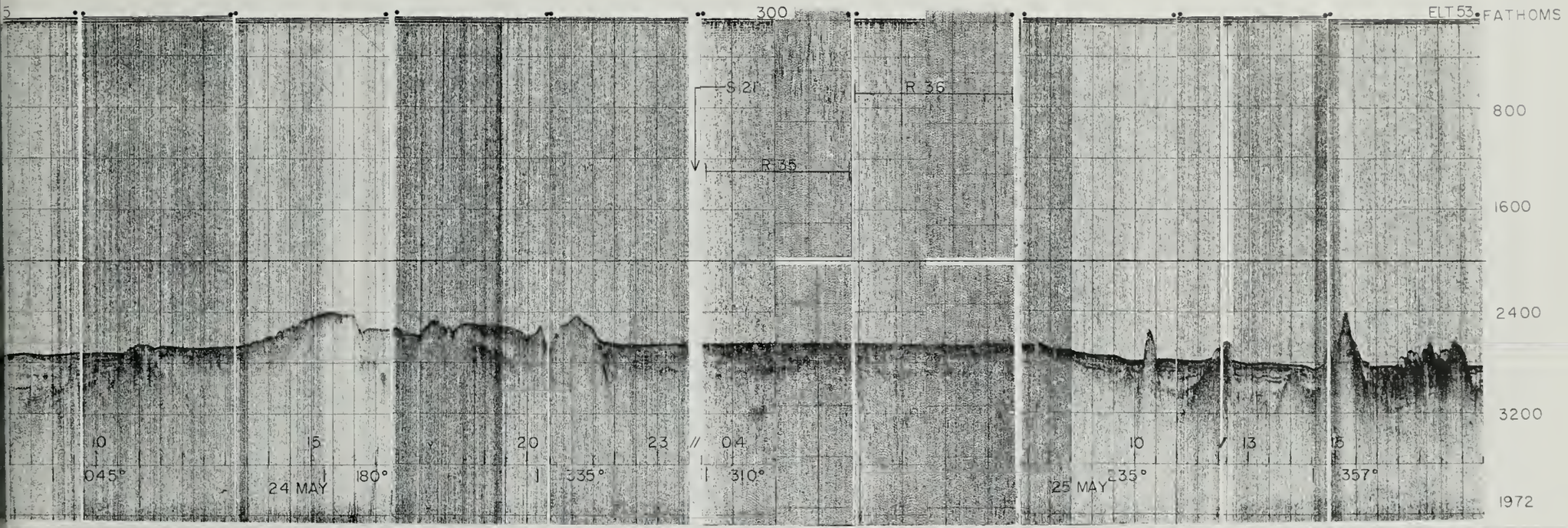
26 MAY
055°
235°
268°
27 MAY
1972


300
S 21
R 36
R 35
ELT 53
FATHOMS
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335°
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310°
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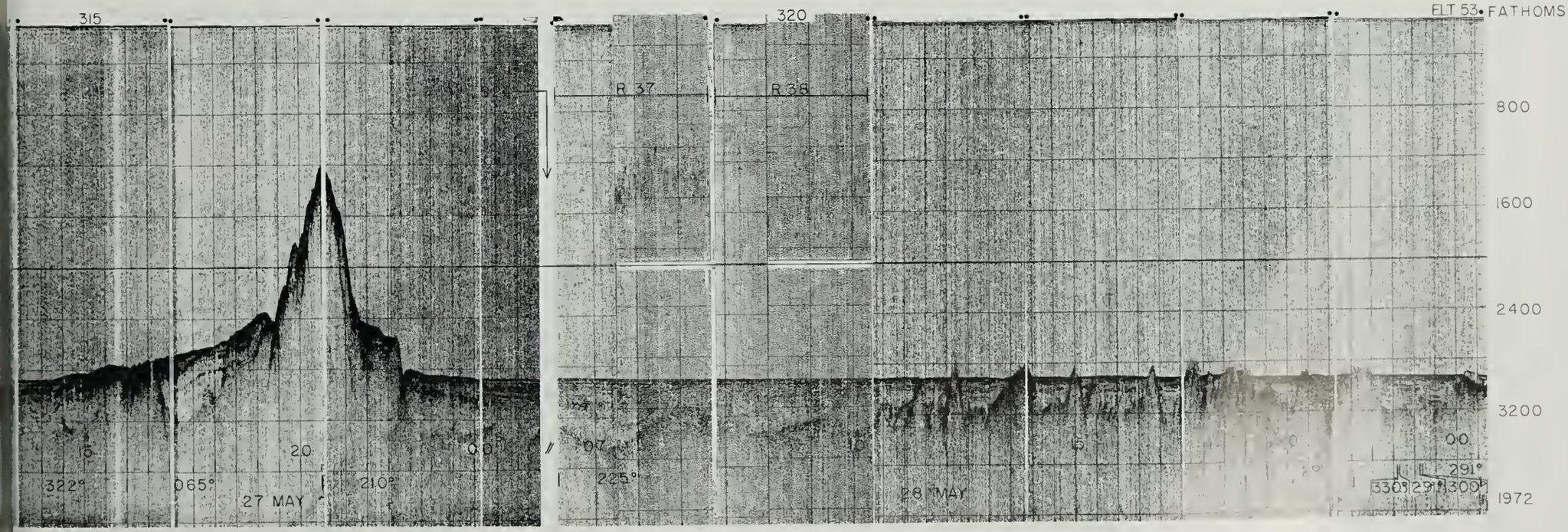
15
25 MAY
235°
357°


315
320
S 24
R 37
R 38
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2400
3200
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210°
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225°
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291°
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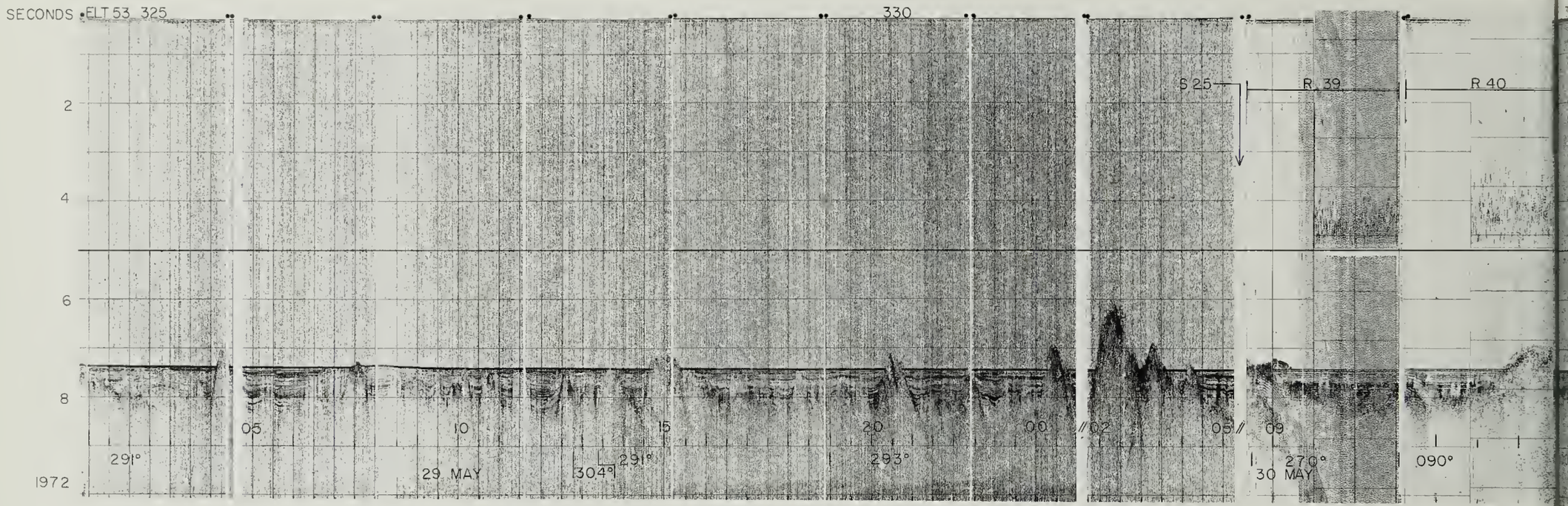
291
300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330
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S 25
R 39
R 40
05
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15
20
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02
05
09
291°
29 MAY
304°
291°
283°
270°
30 MAY
090°
1972

SECONDS
ELT 53 345
350
355
R 45
R 46
R 47
R 48
R 49
2
4
6
8
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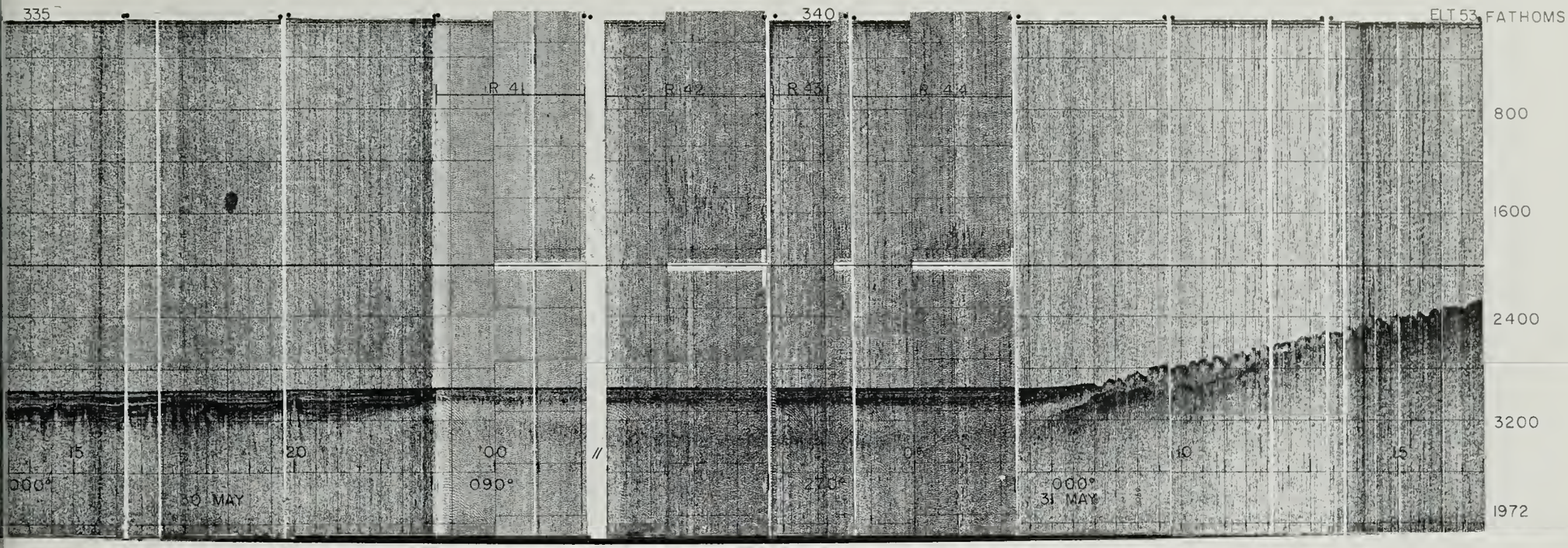
05
10
15
20
000°
090°
31 MAY
270°
000°
1 JUN
270°
274°
1972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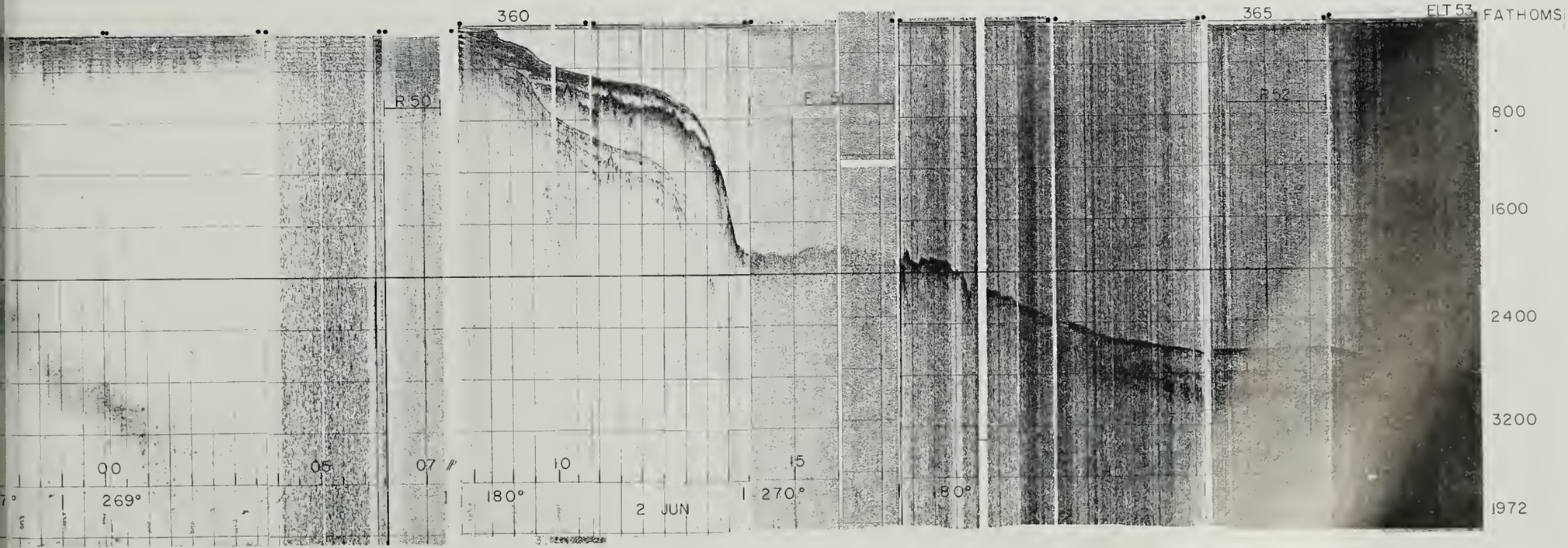
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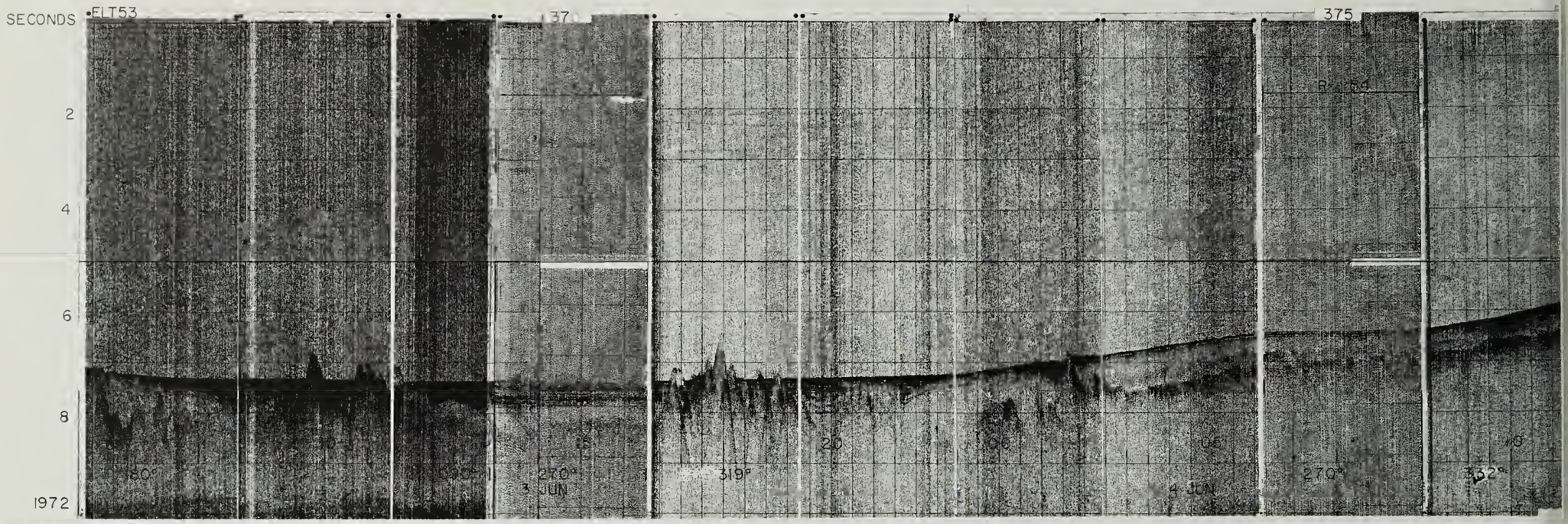
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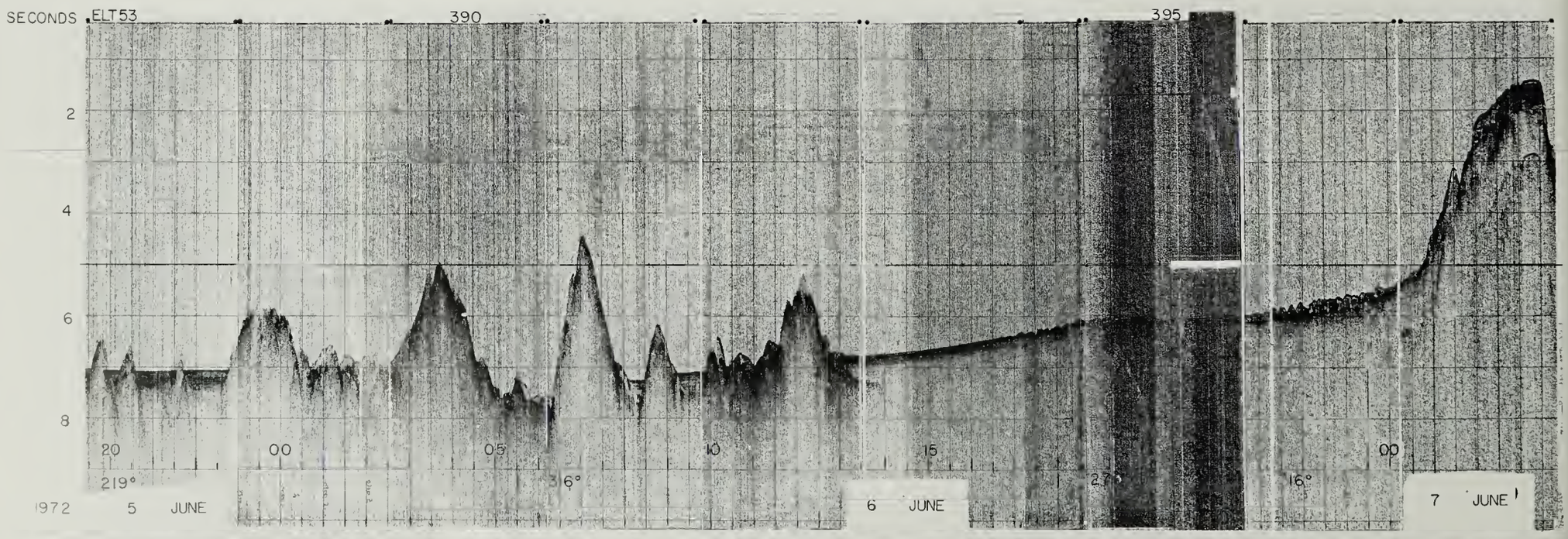
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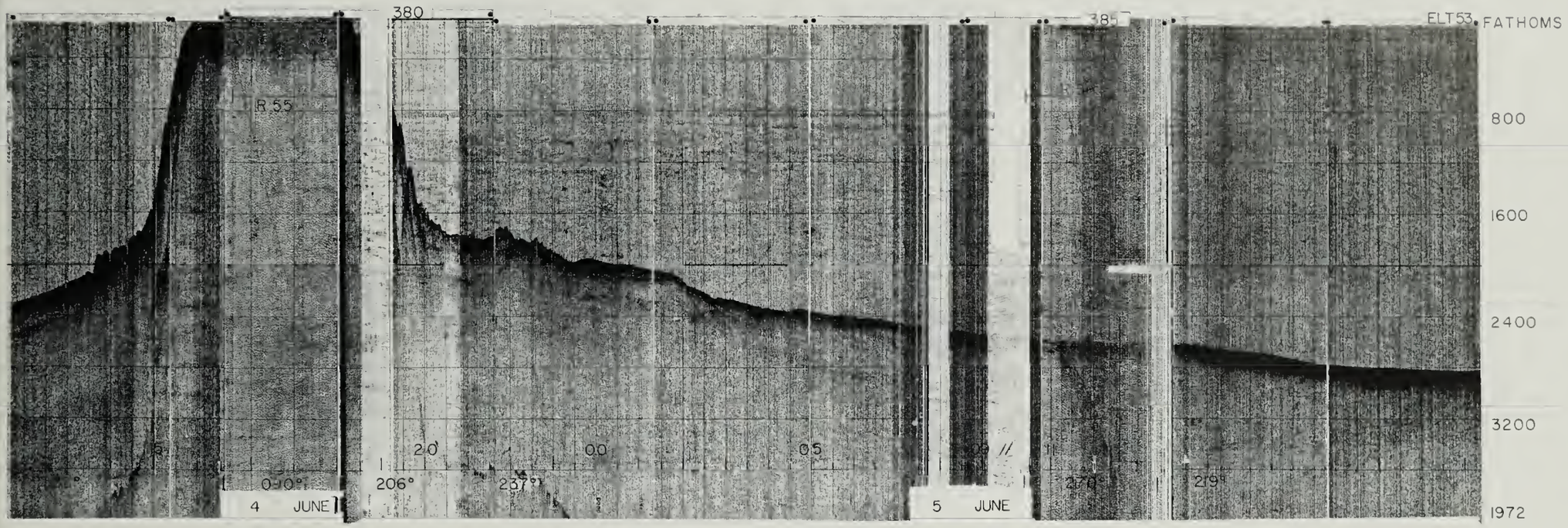
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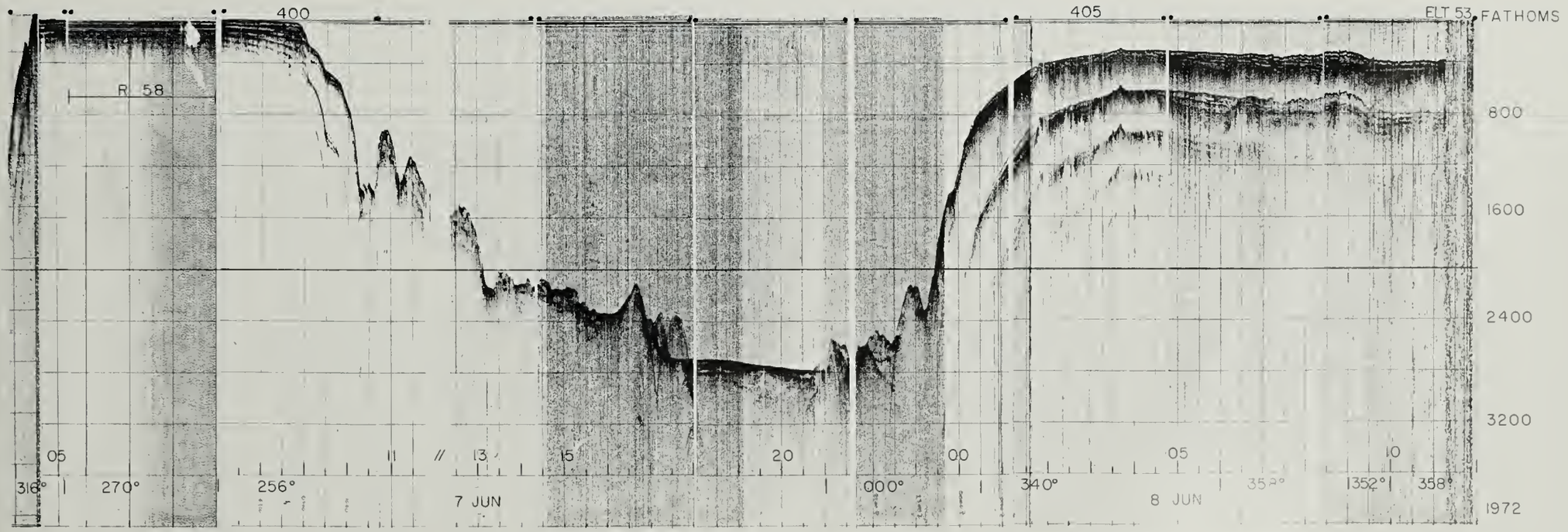
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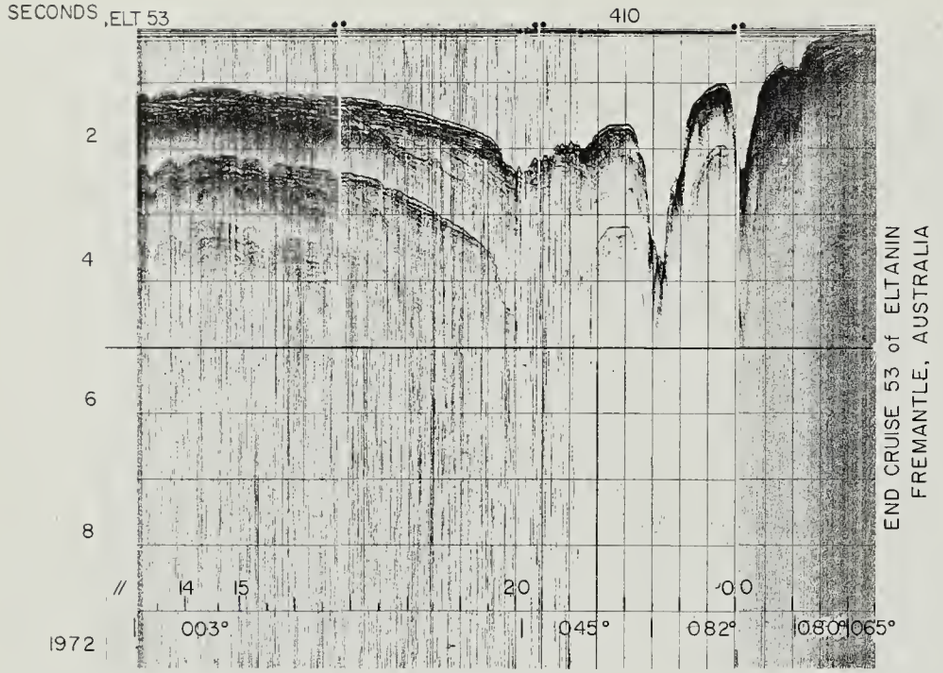
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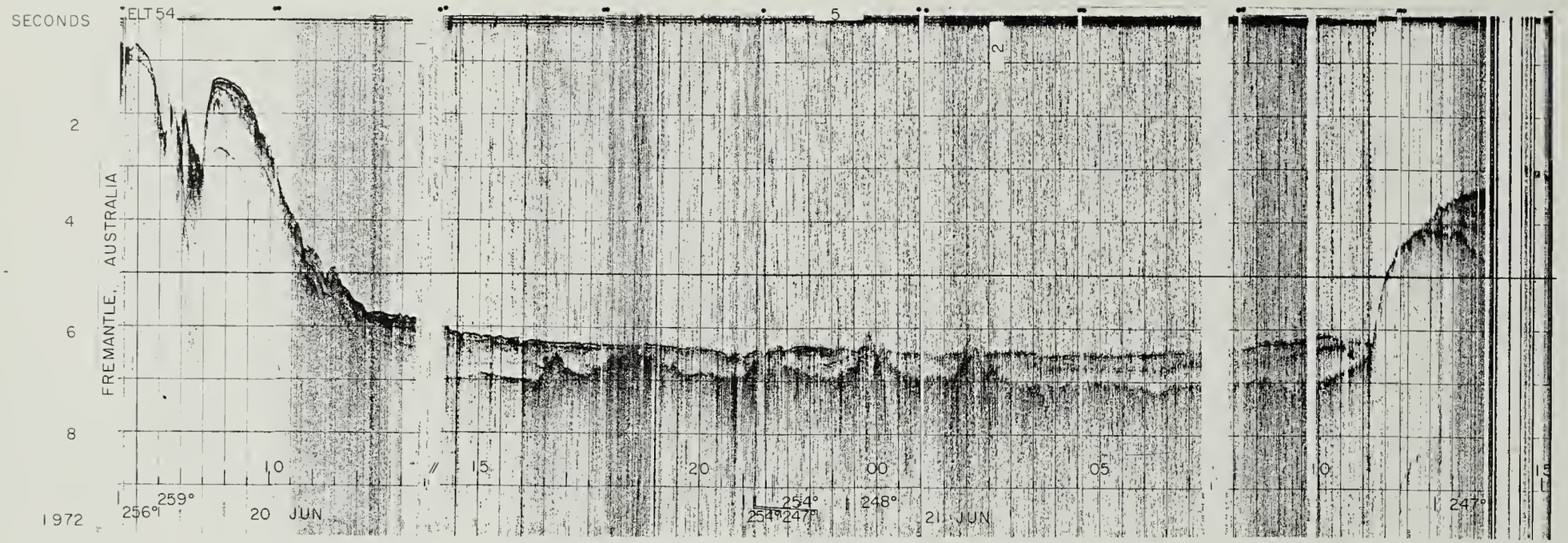
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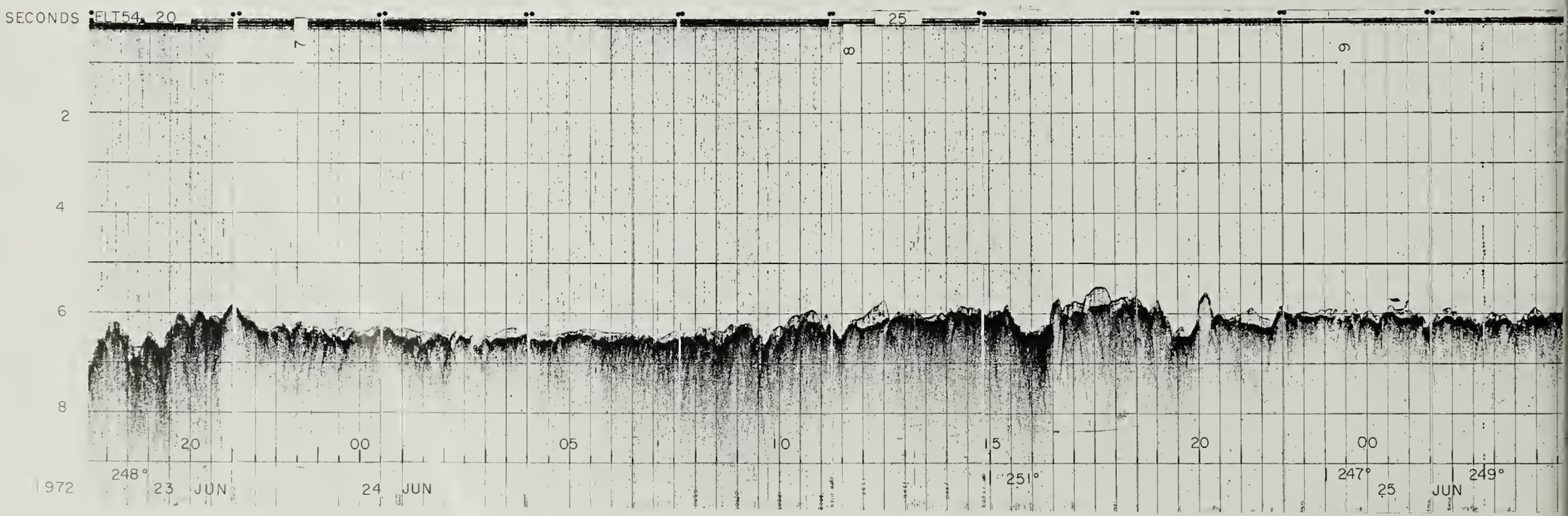
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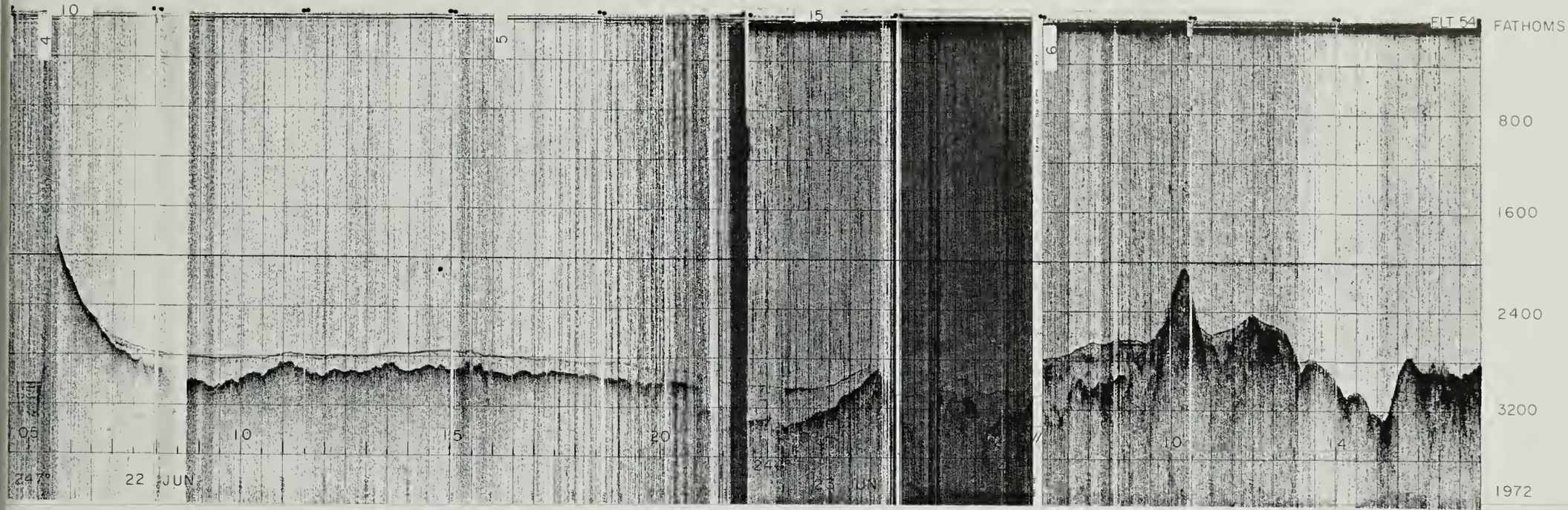
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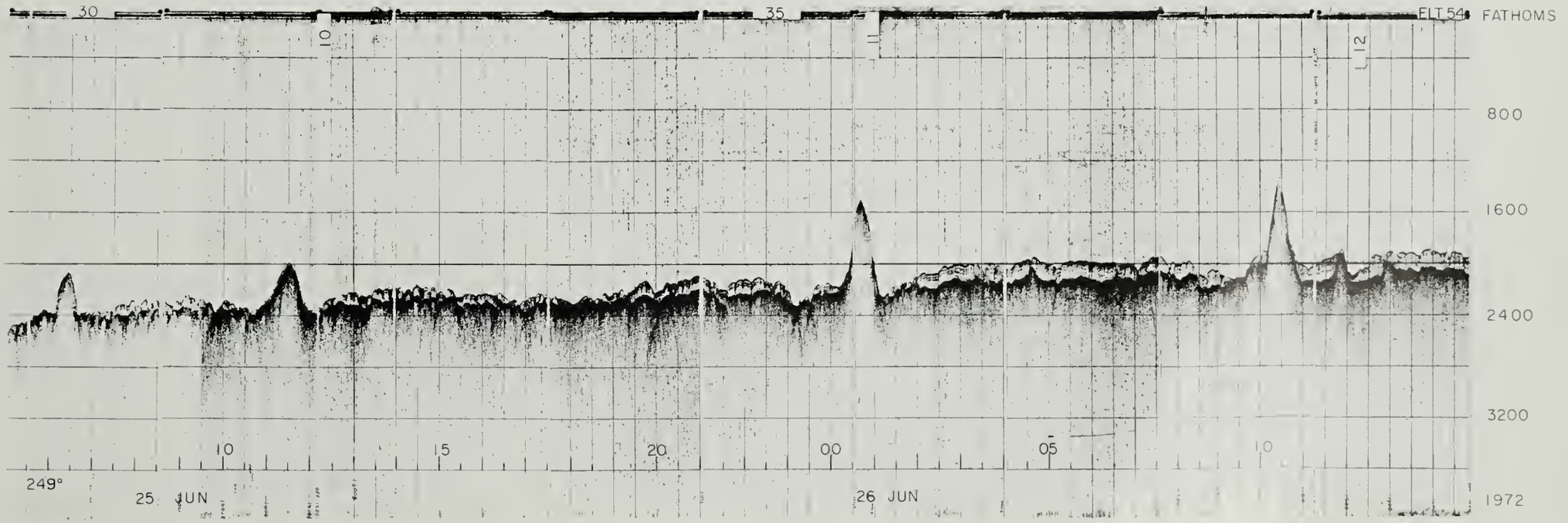
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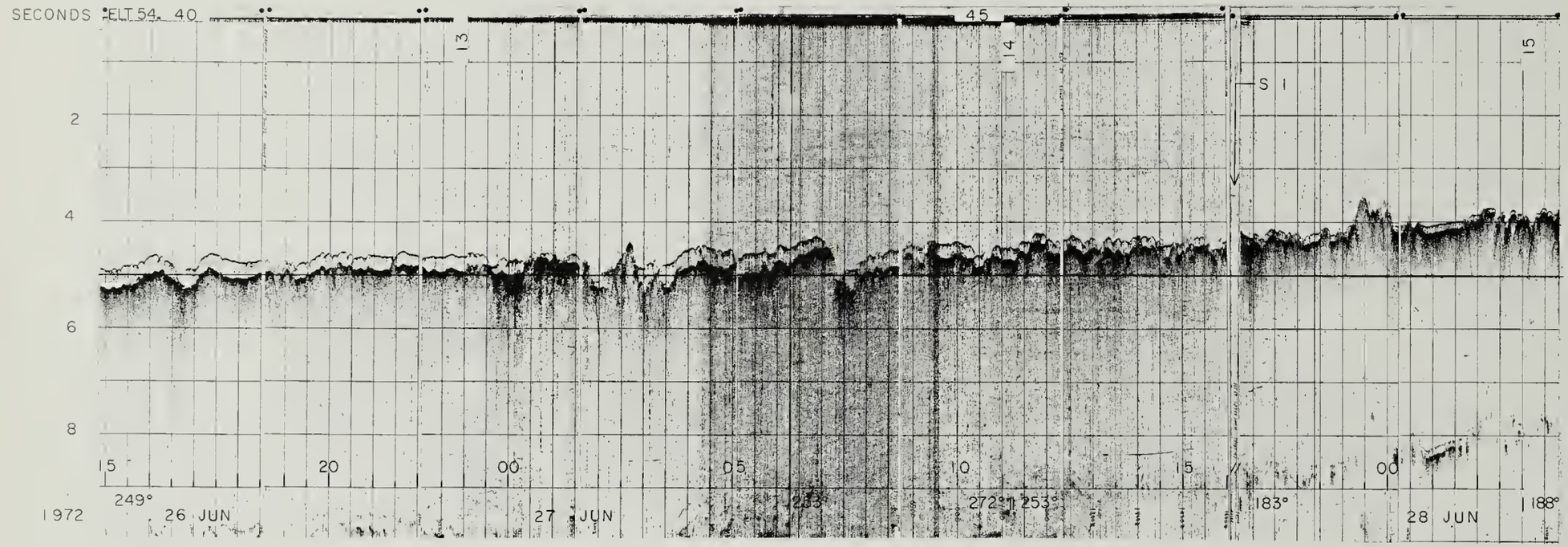
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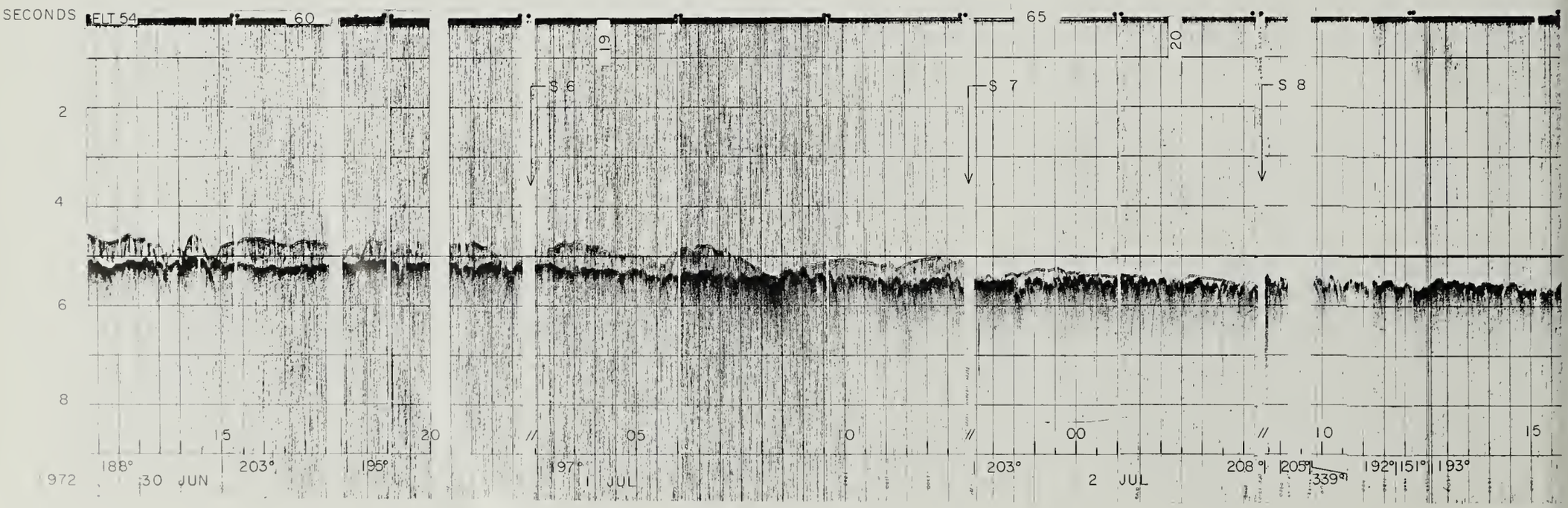
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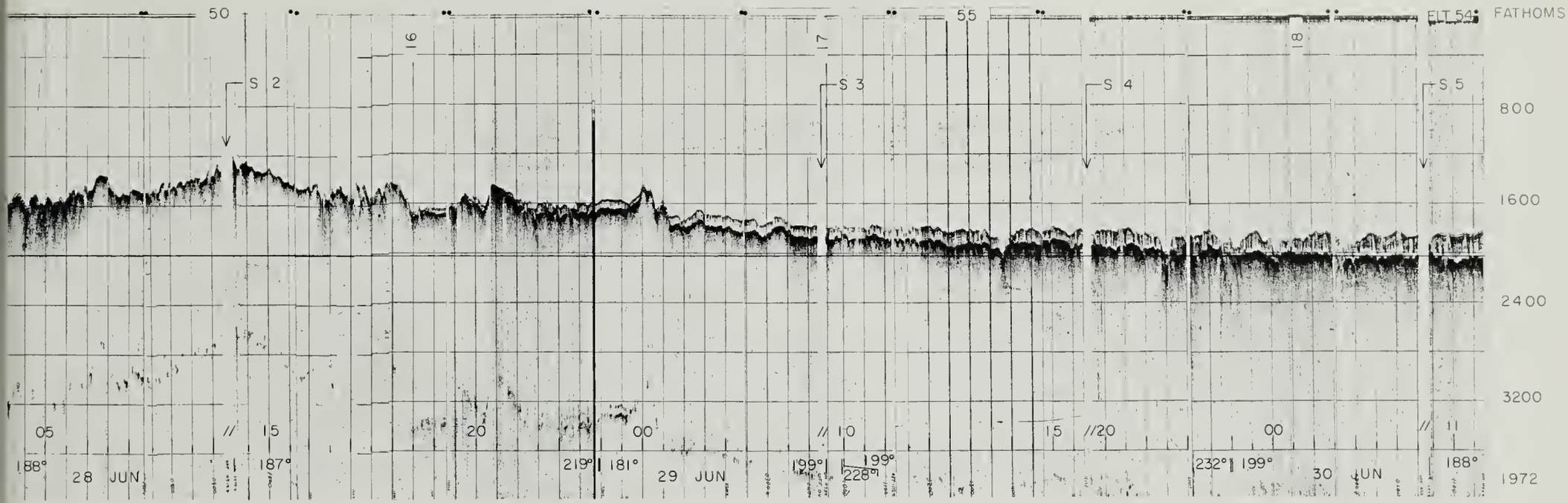
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S 4
S 5
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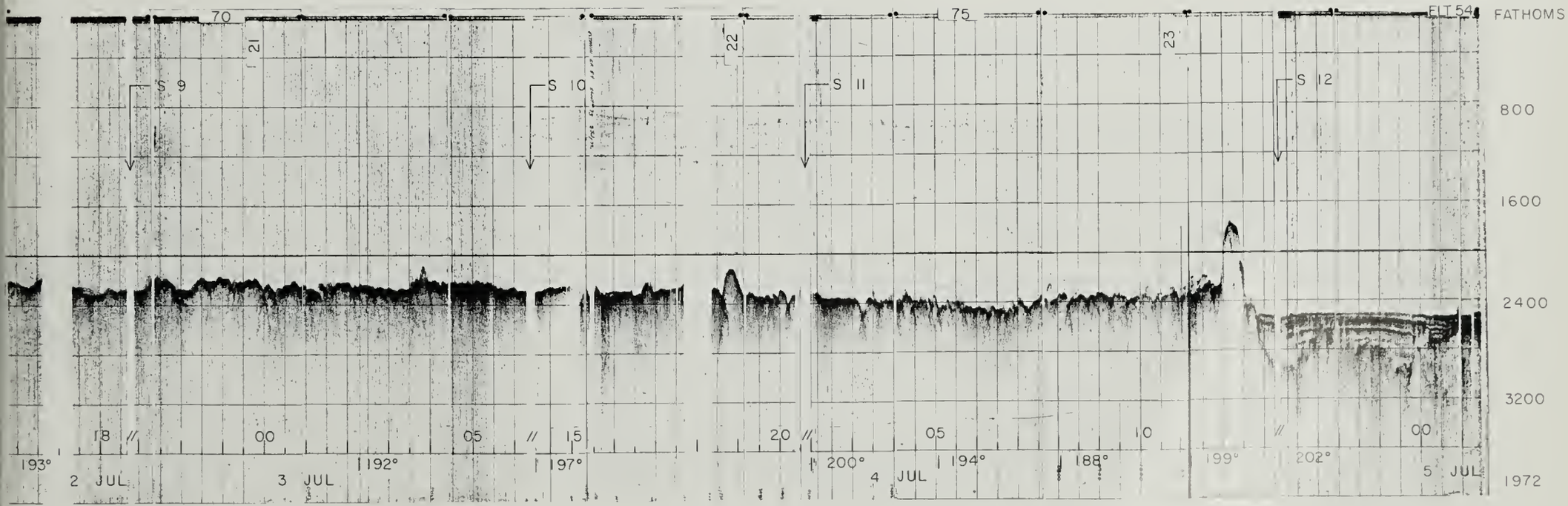
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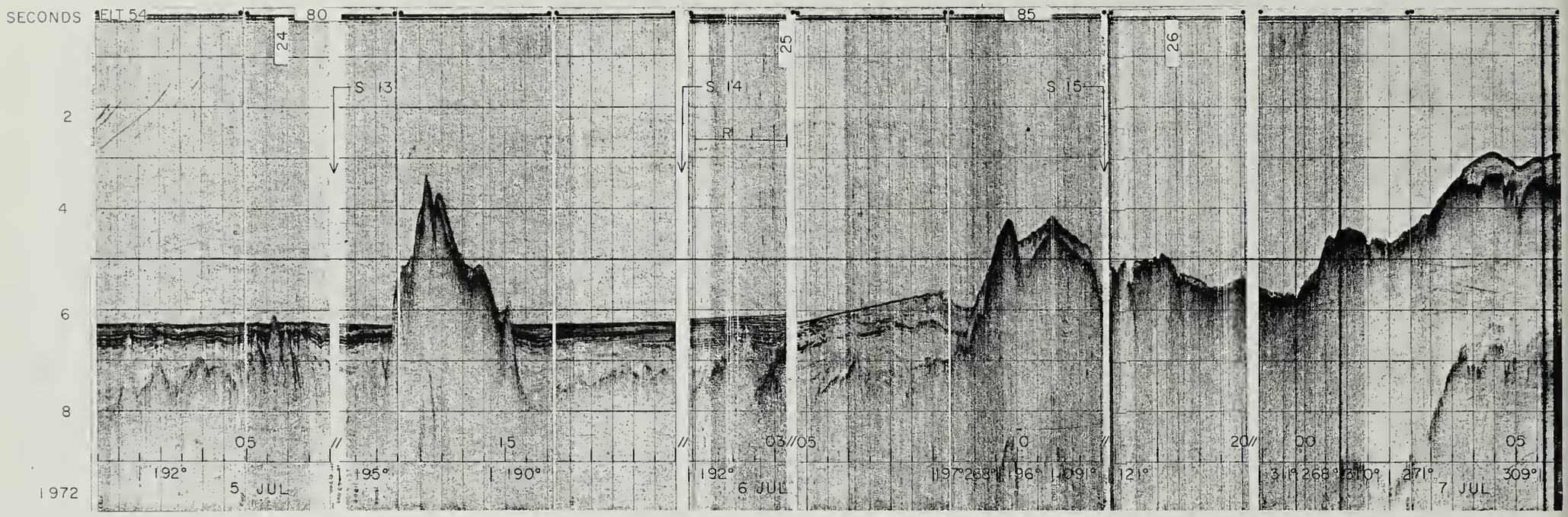
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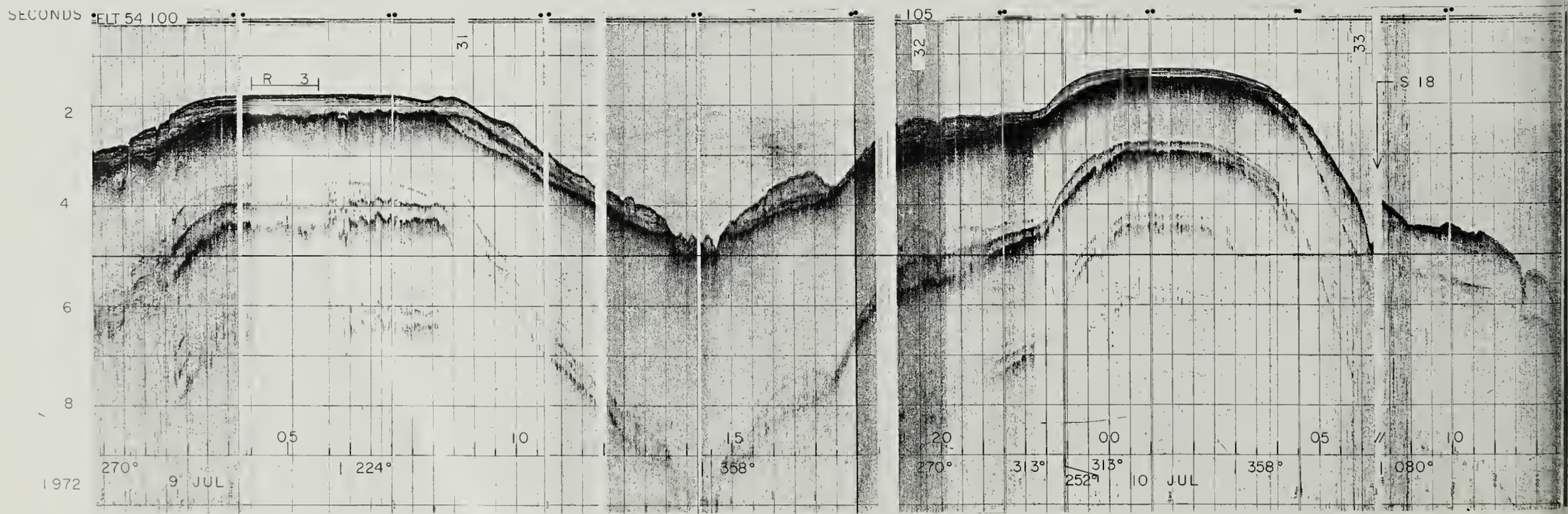
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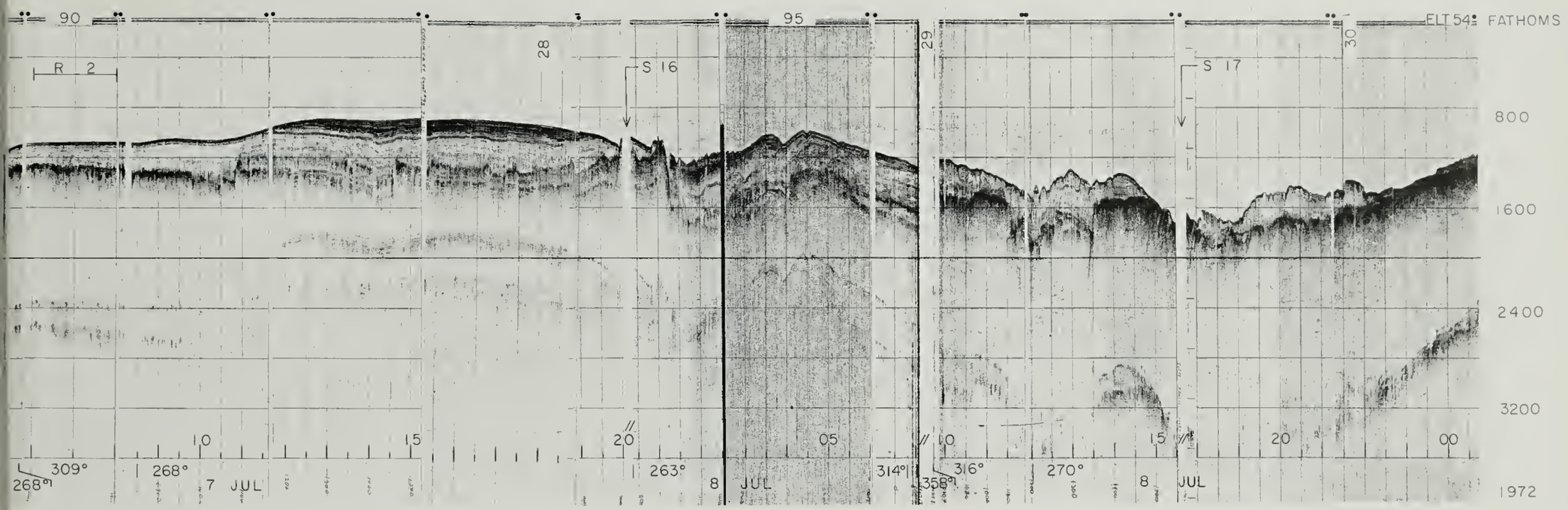
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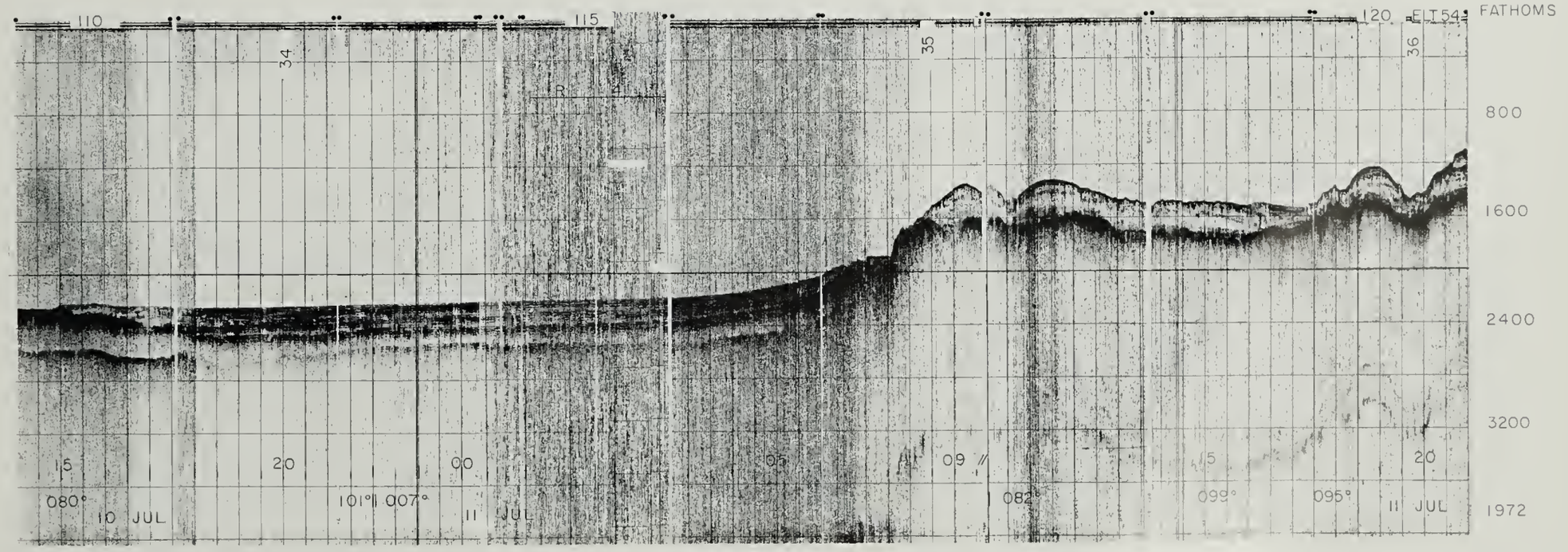
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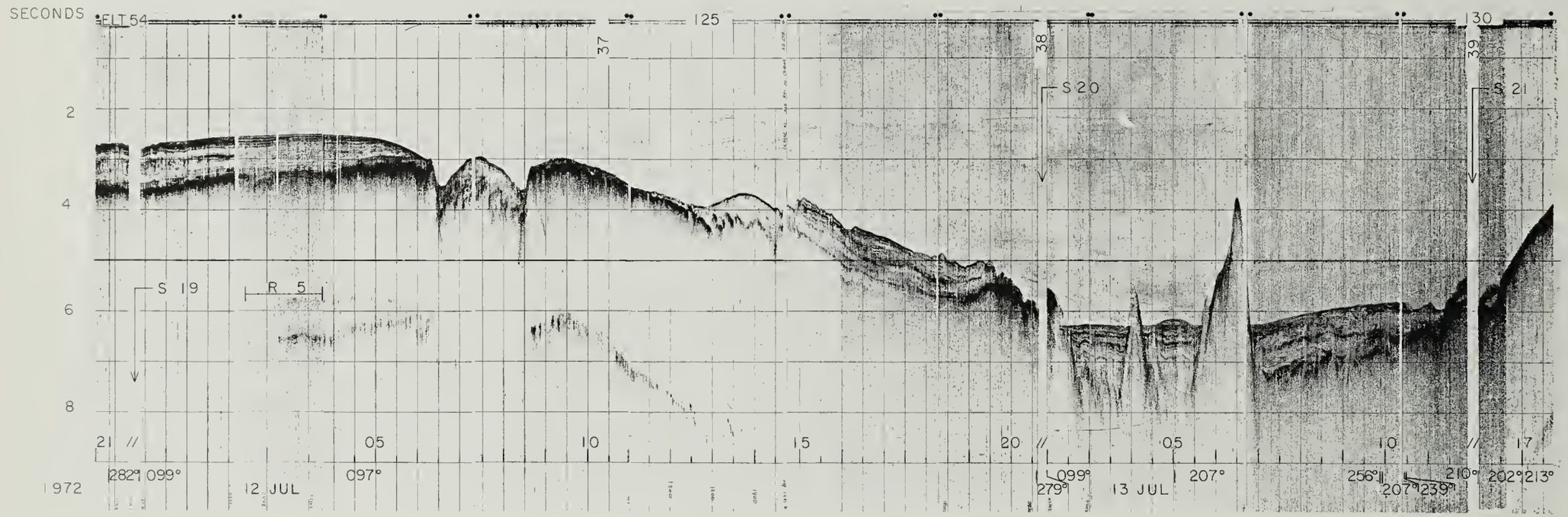
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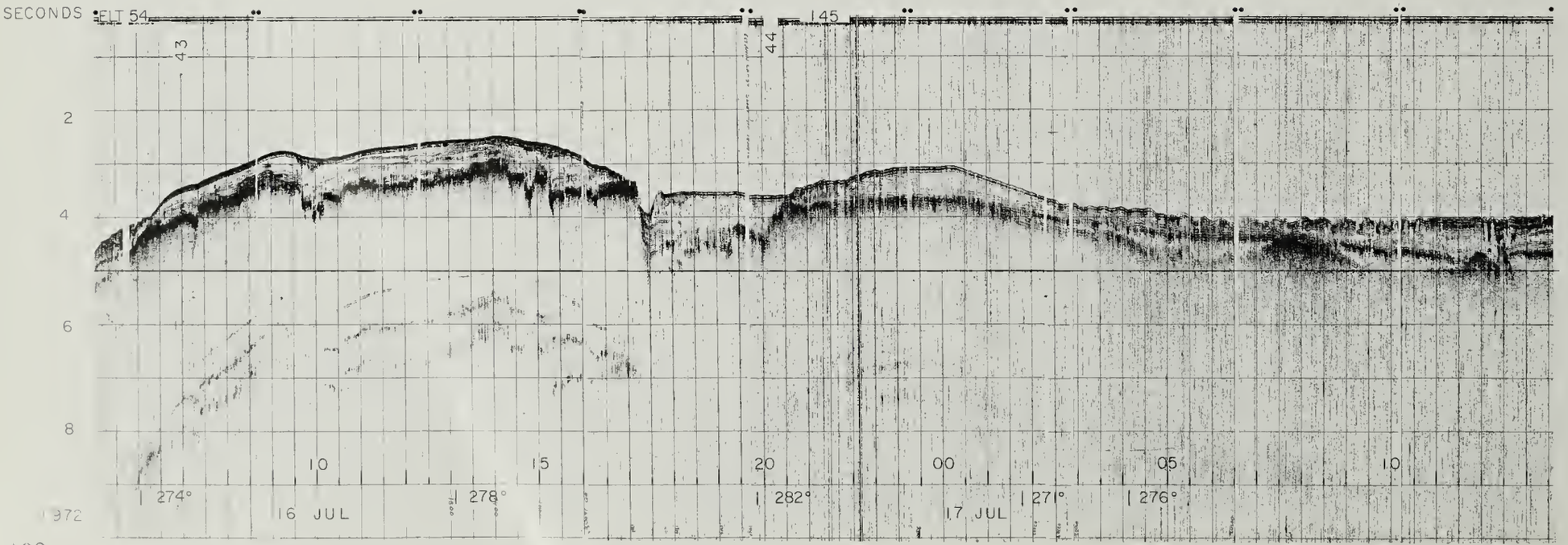
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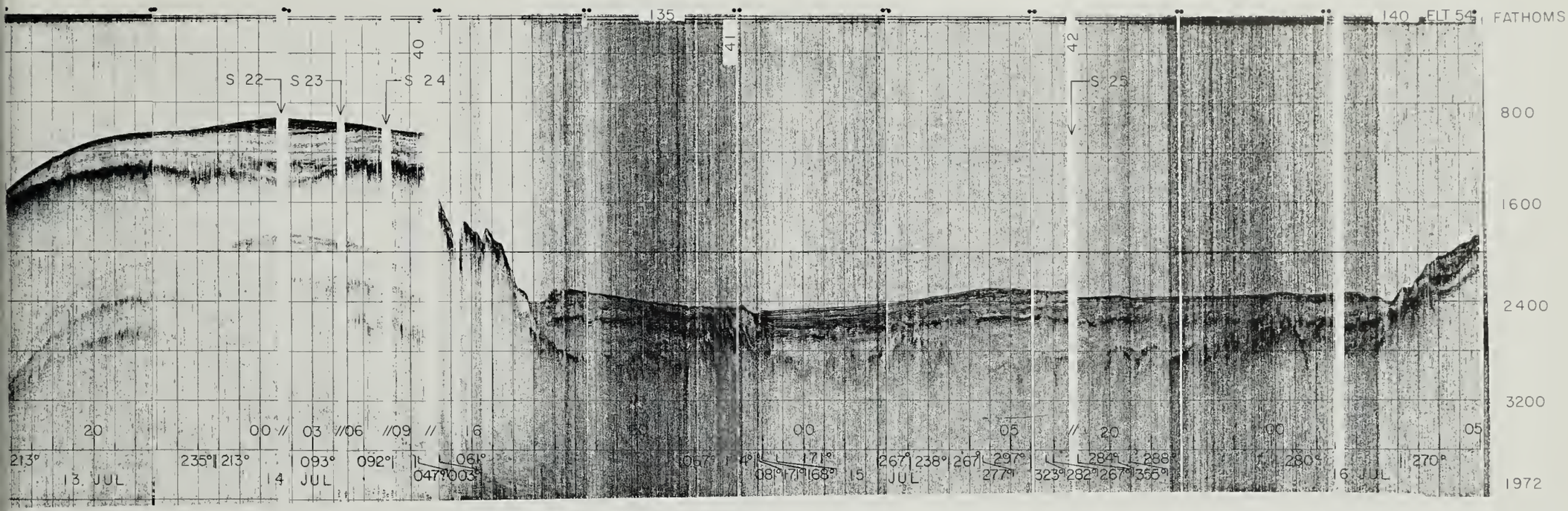
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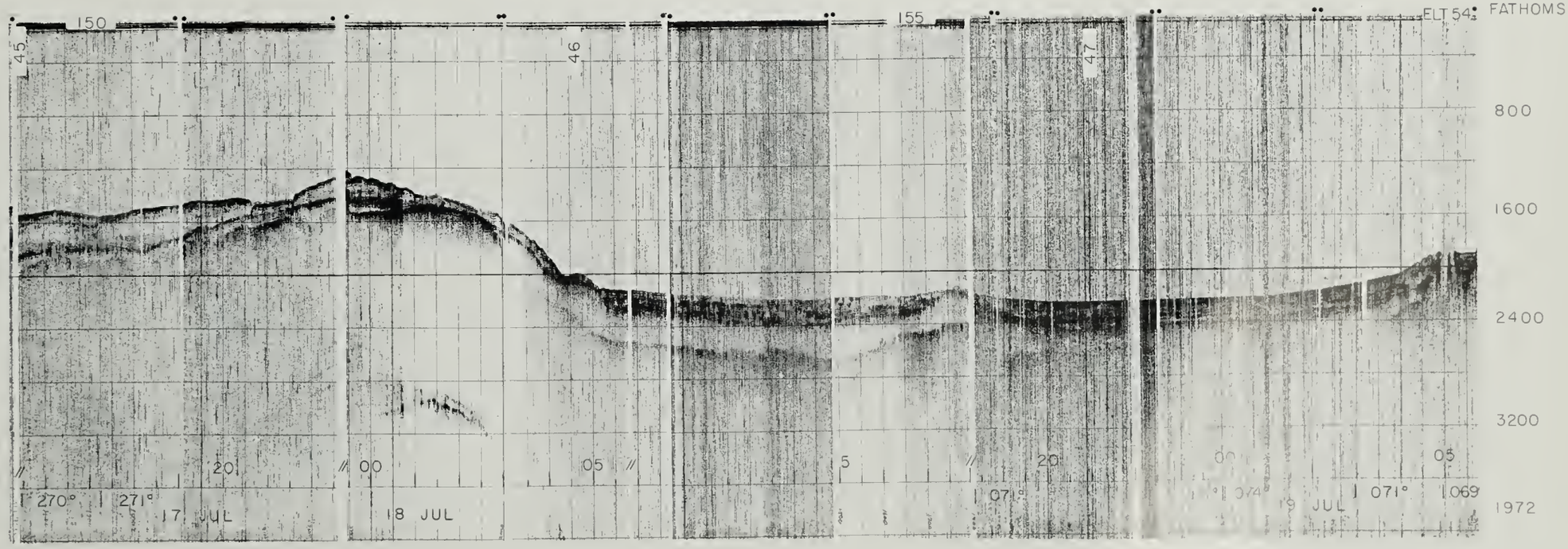
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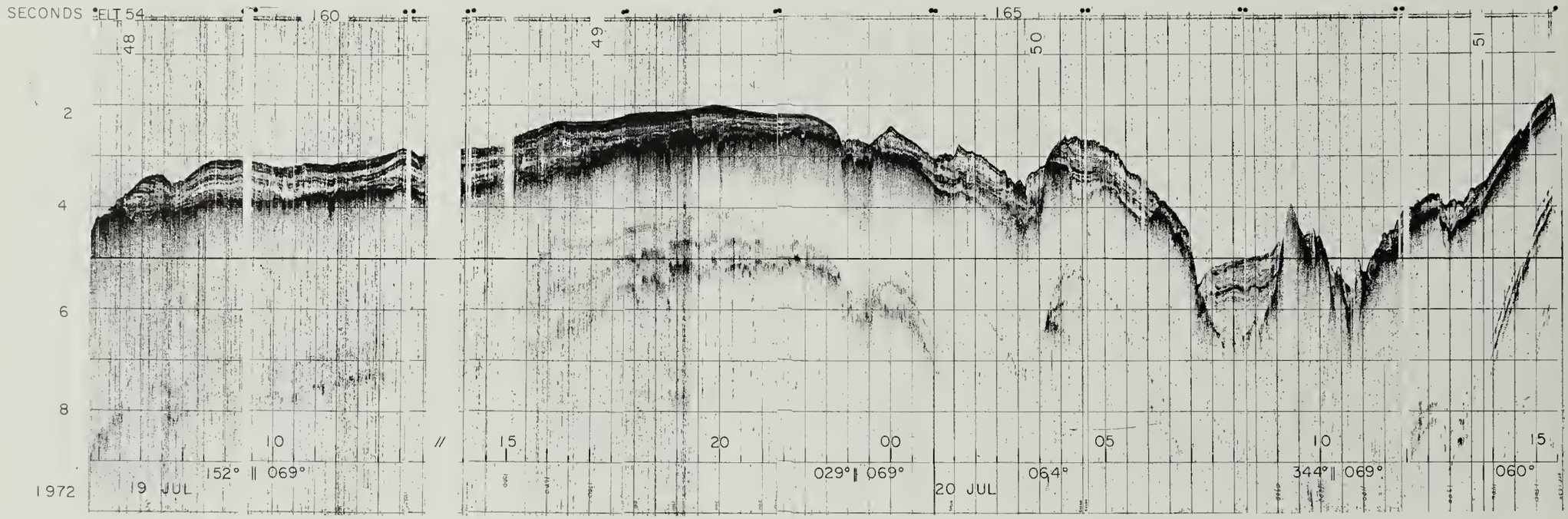
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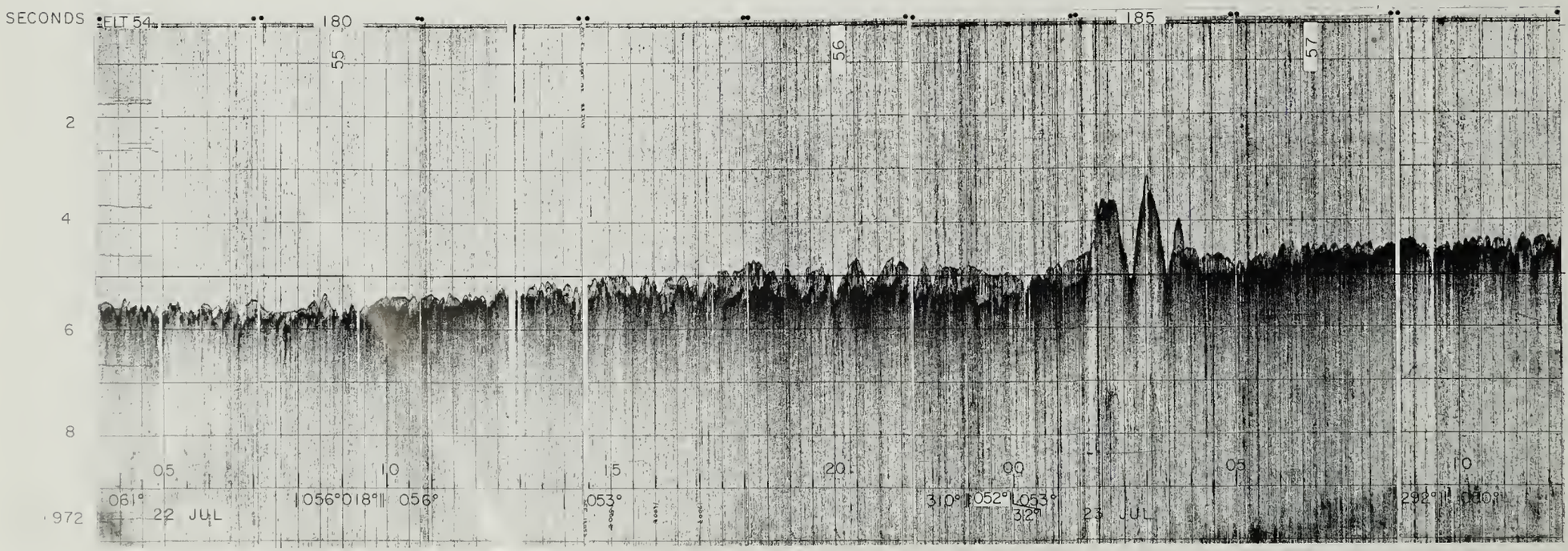
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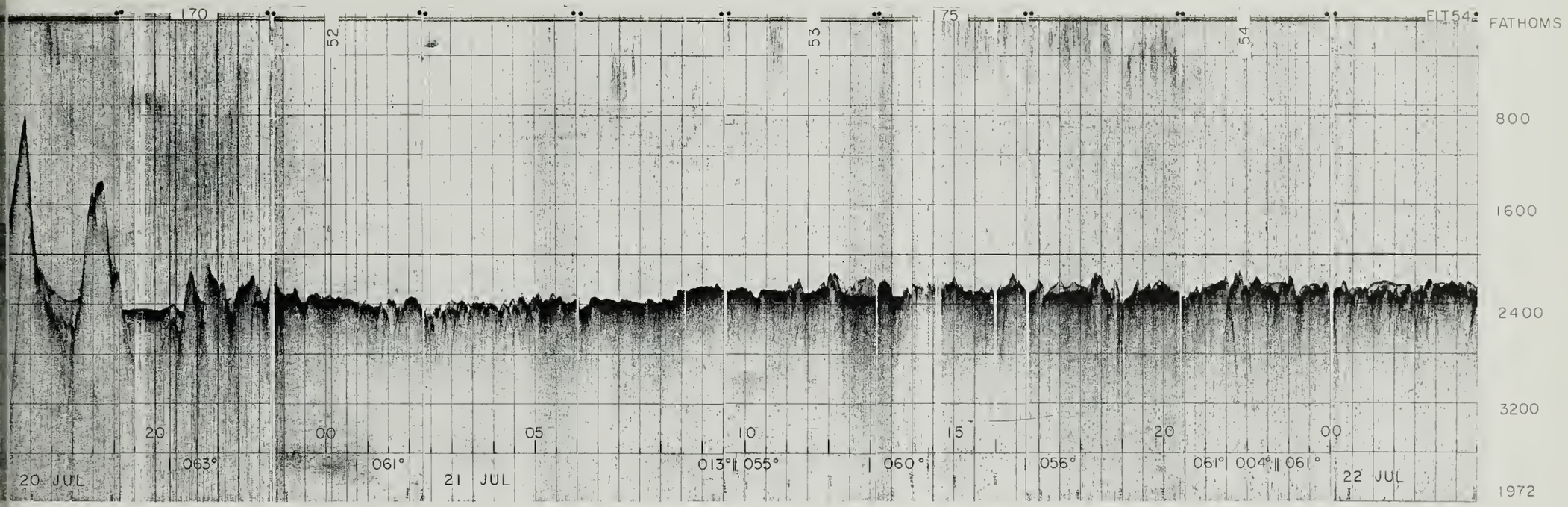
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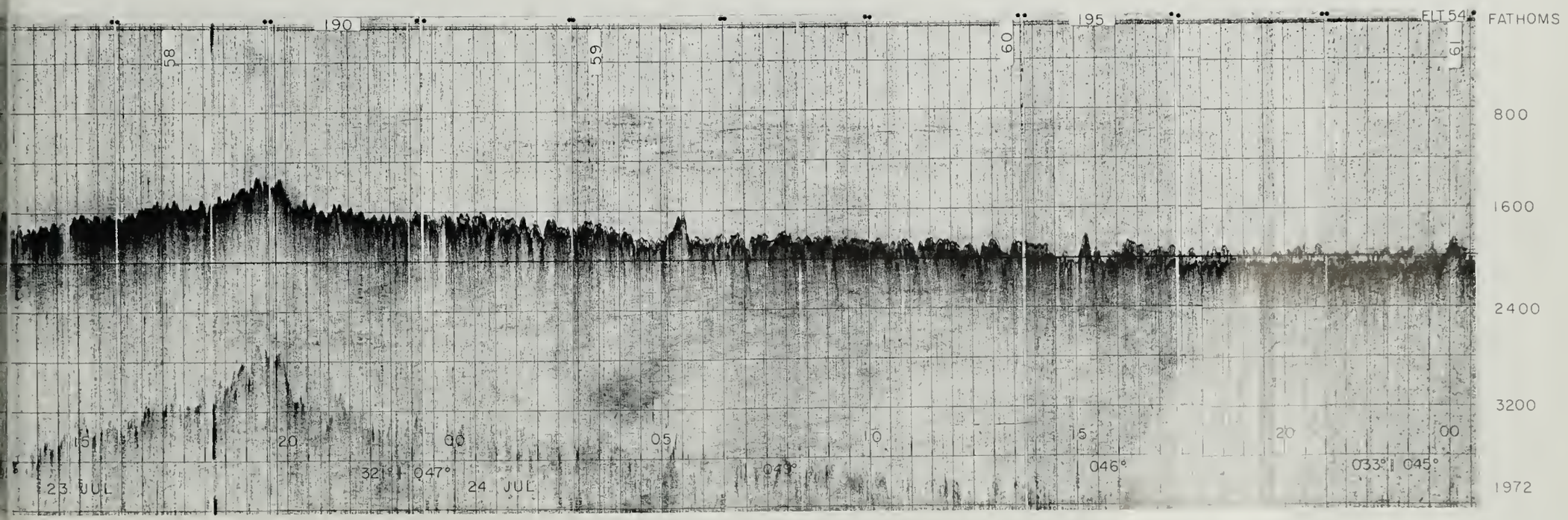
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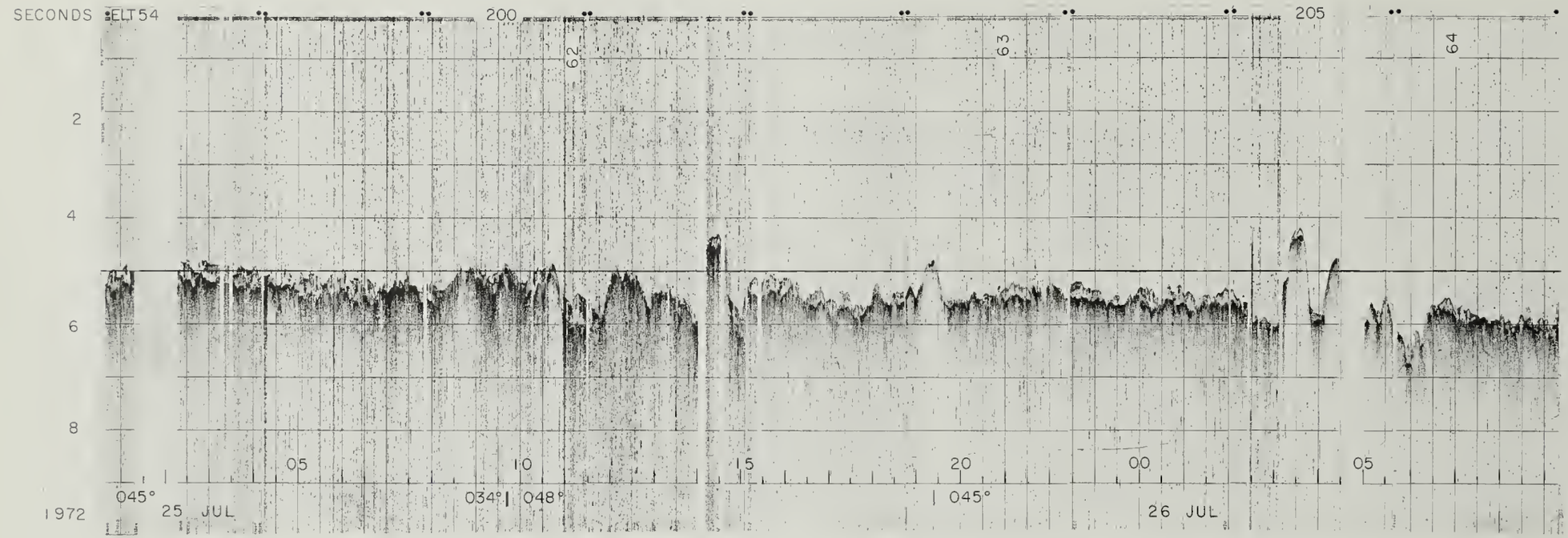
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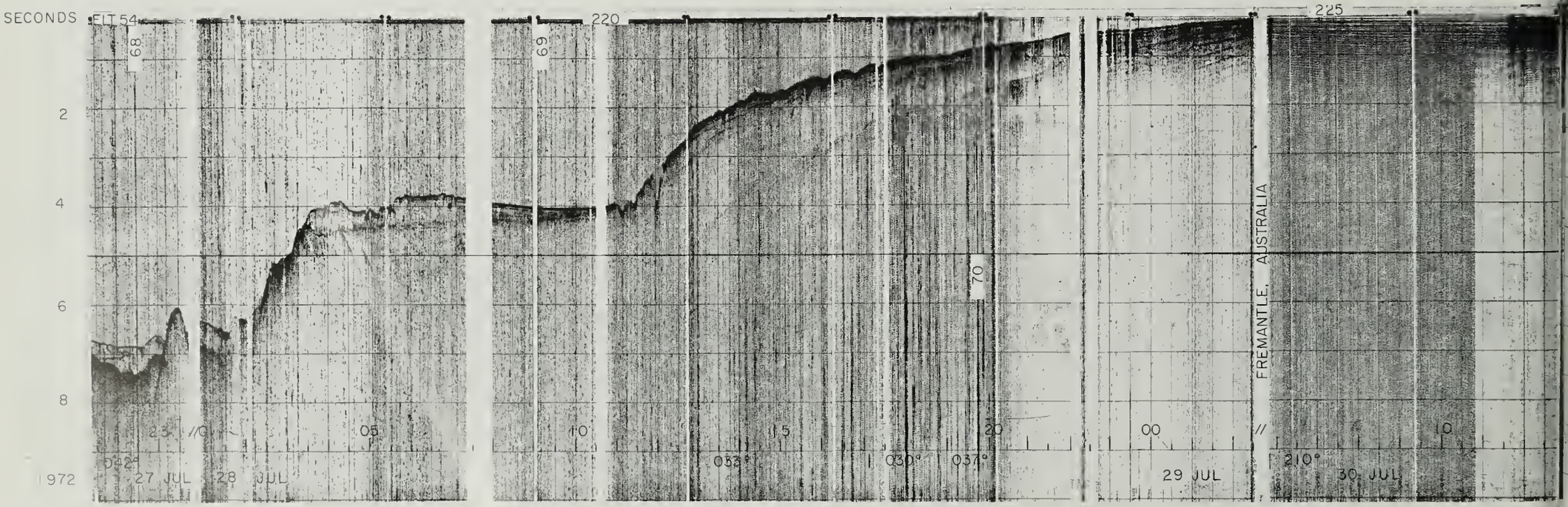
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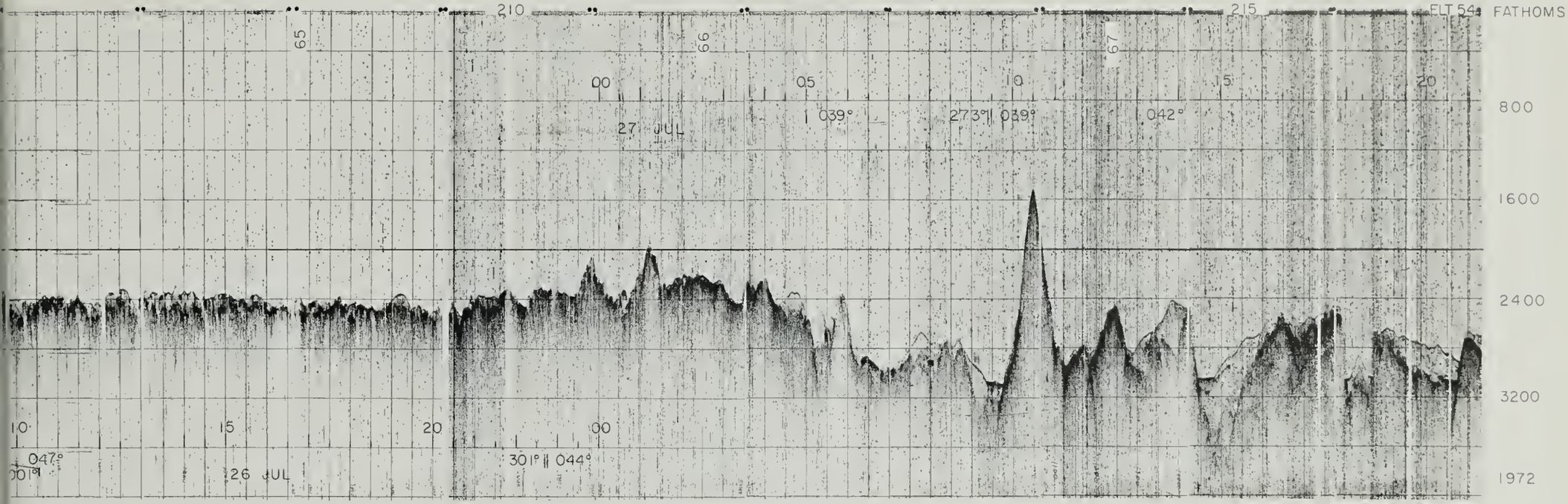
FREMANTLE, AUSTRALIA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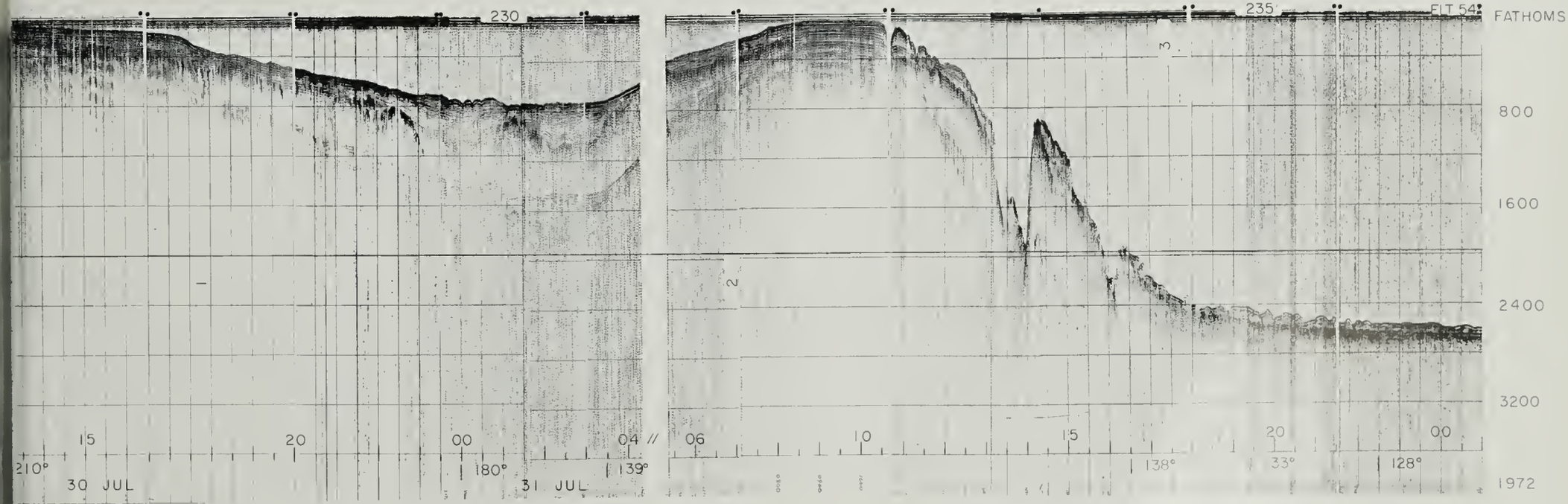
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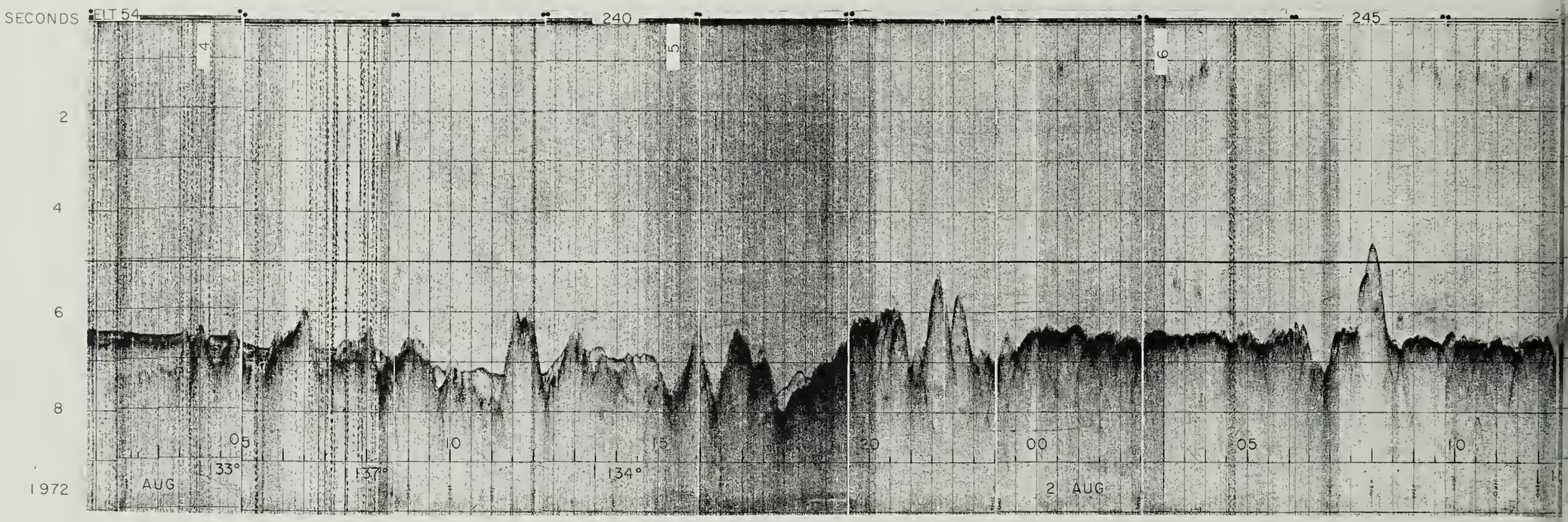
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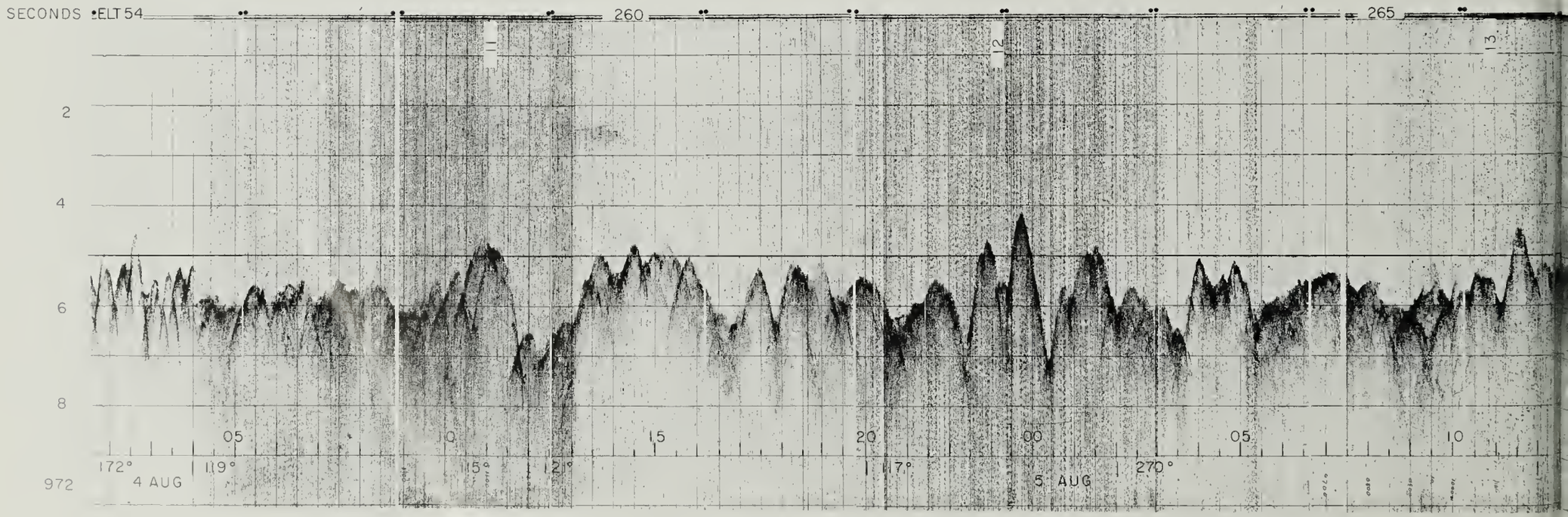
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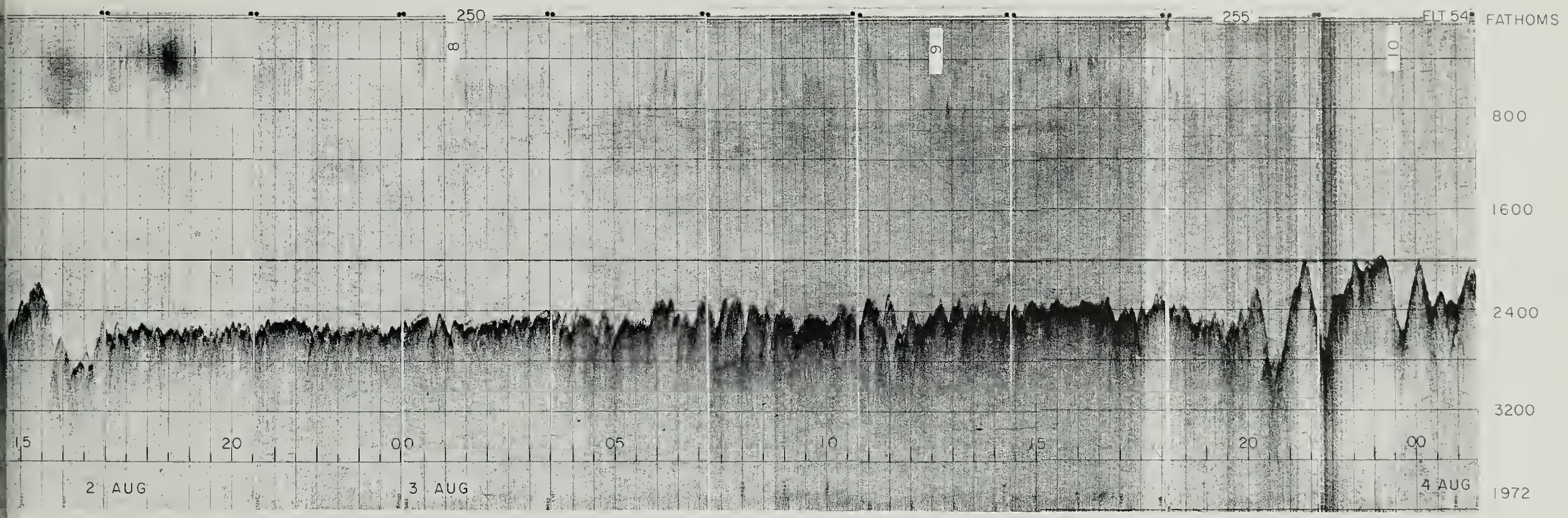
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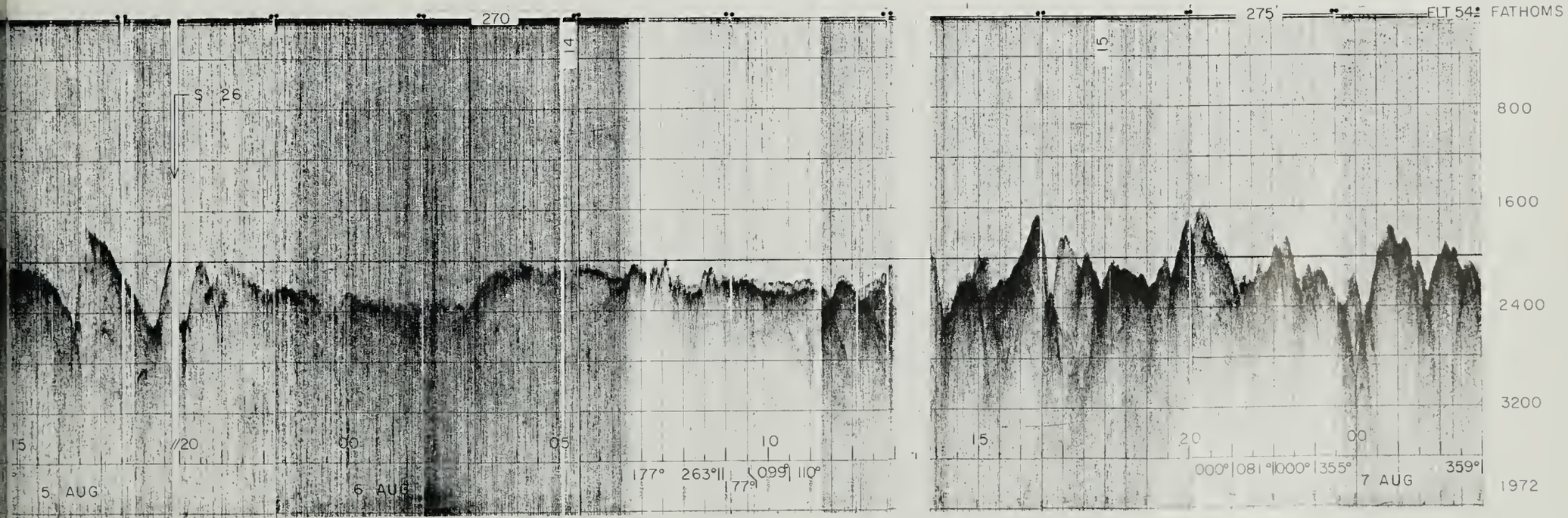
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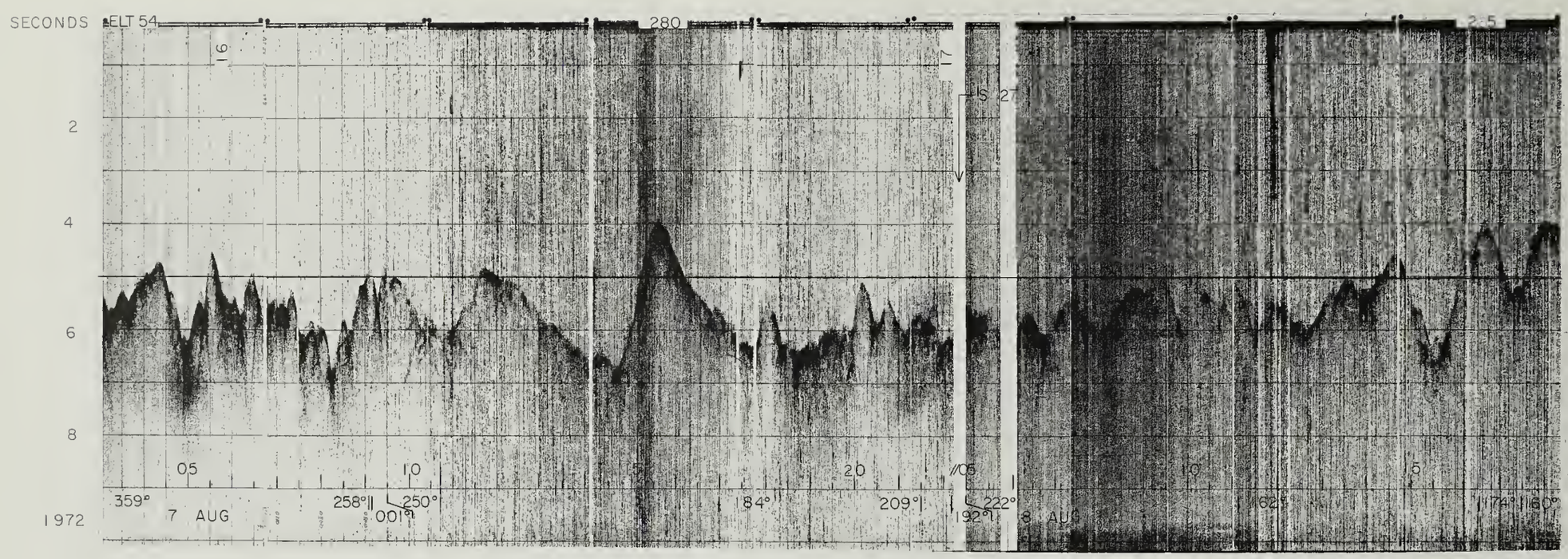
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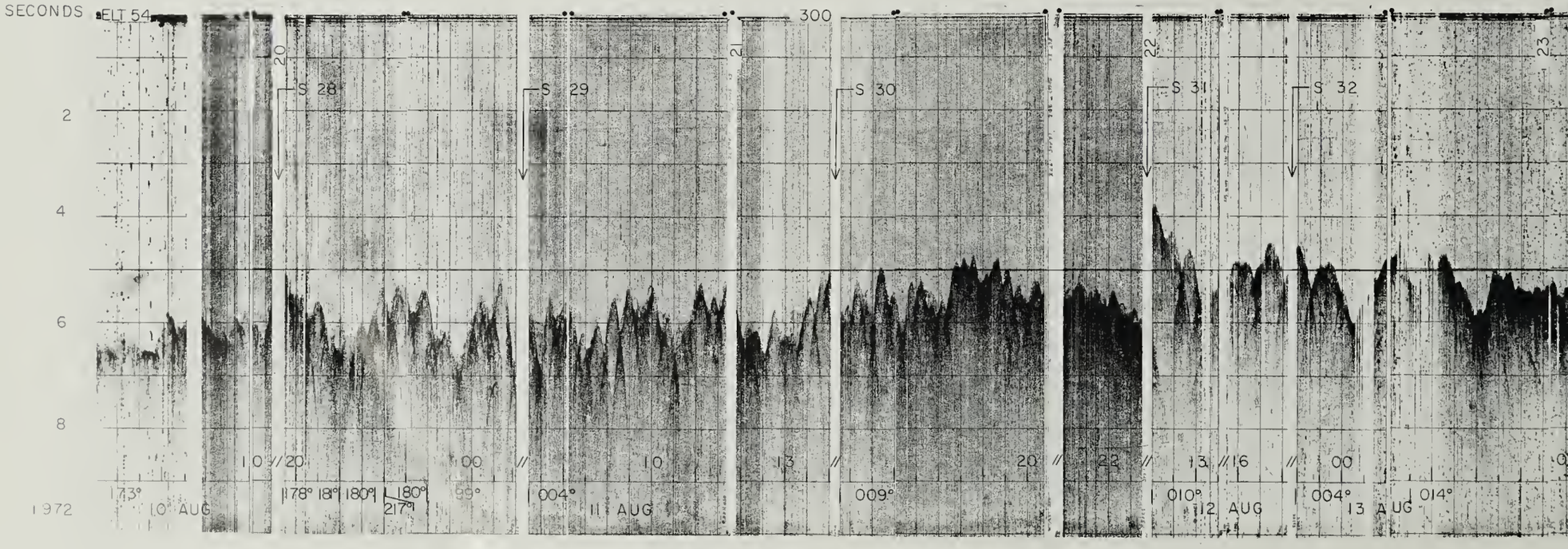
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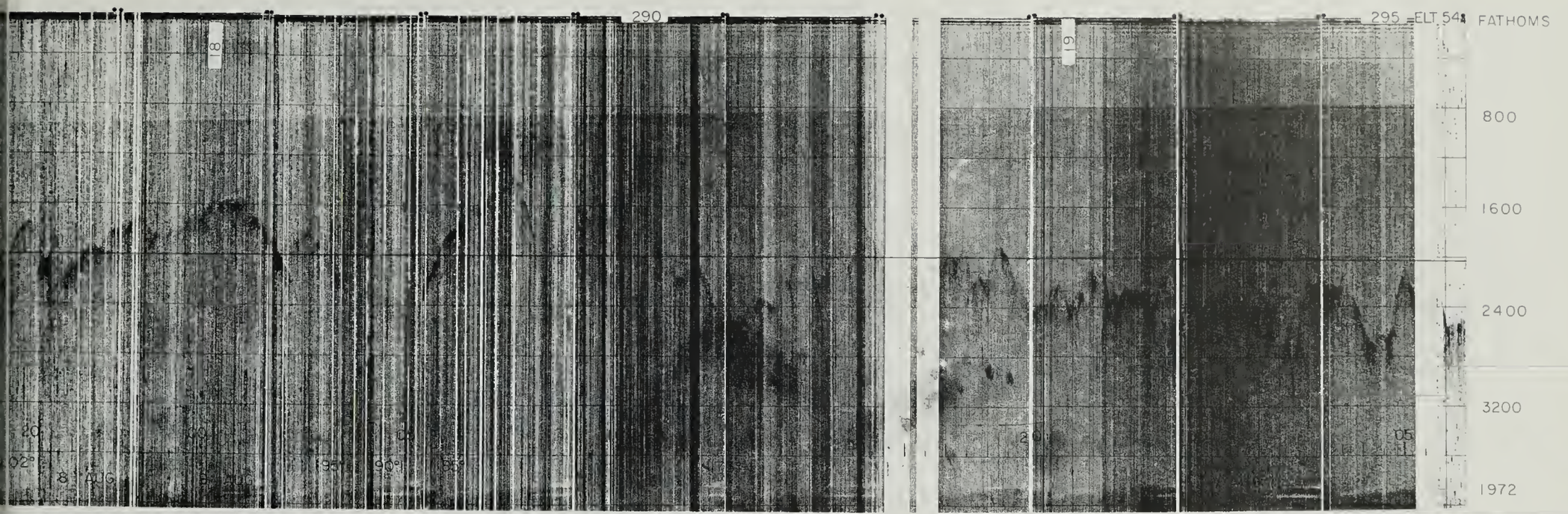
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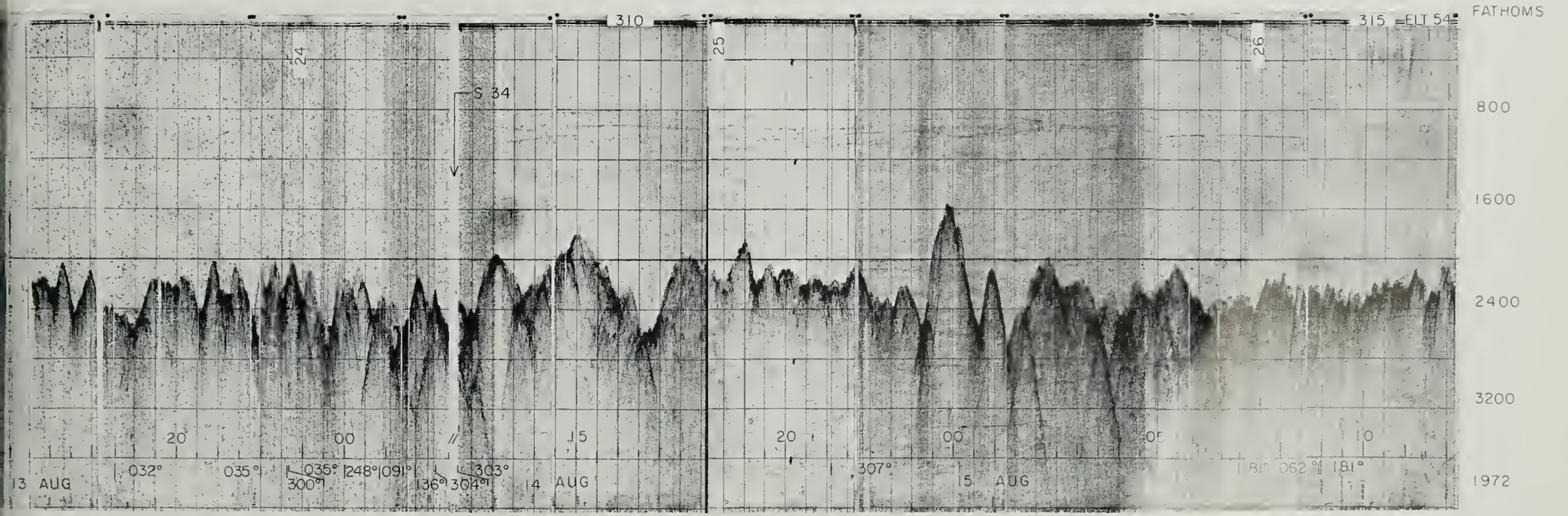
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S 34
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300°
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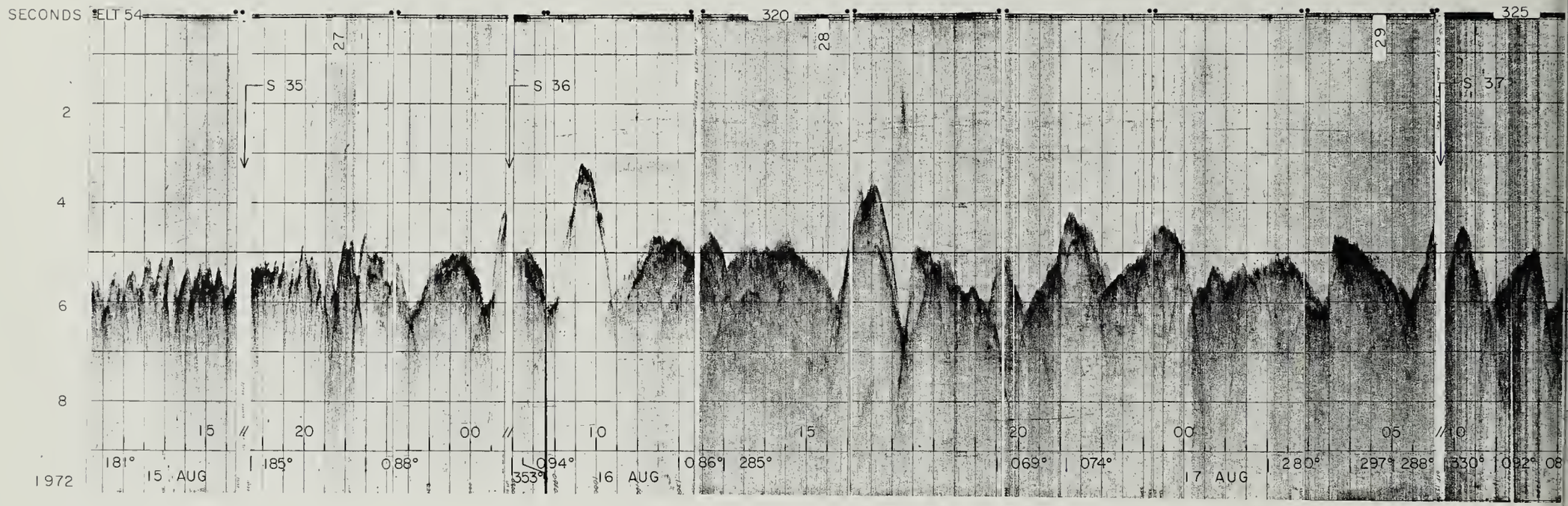
091°
136°
303°
304°
14 AUG
307°
15 AUG
062°
181°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181°
185°
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069°
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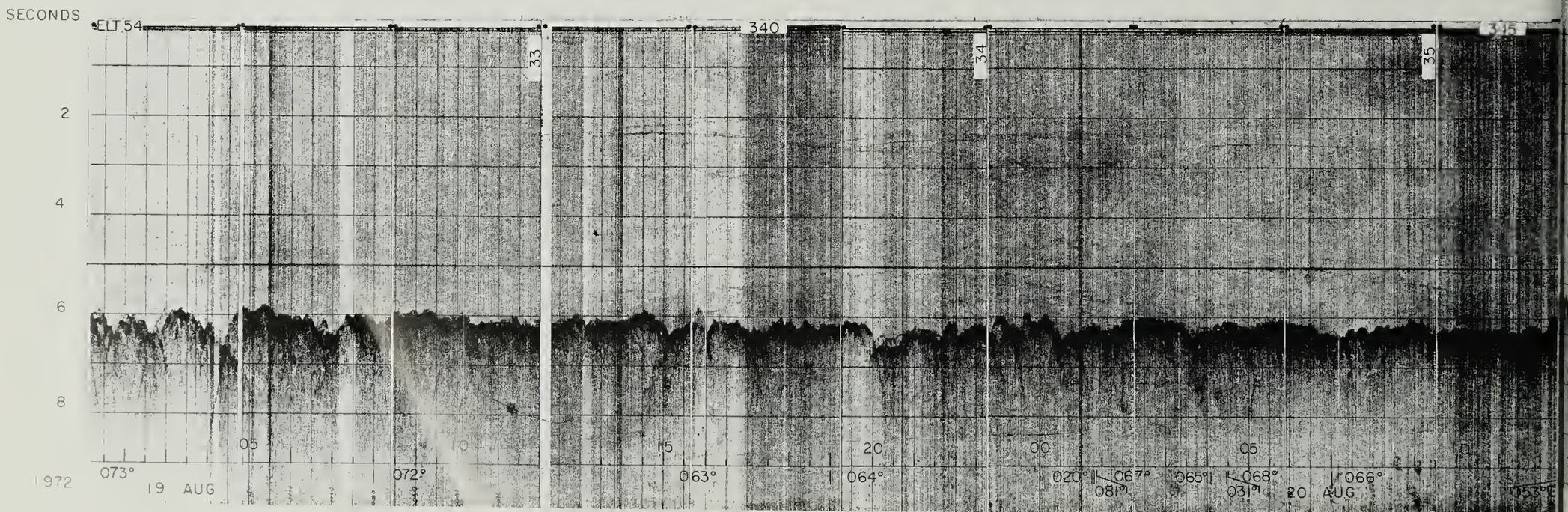
16 AUG
17 AUG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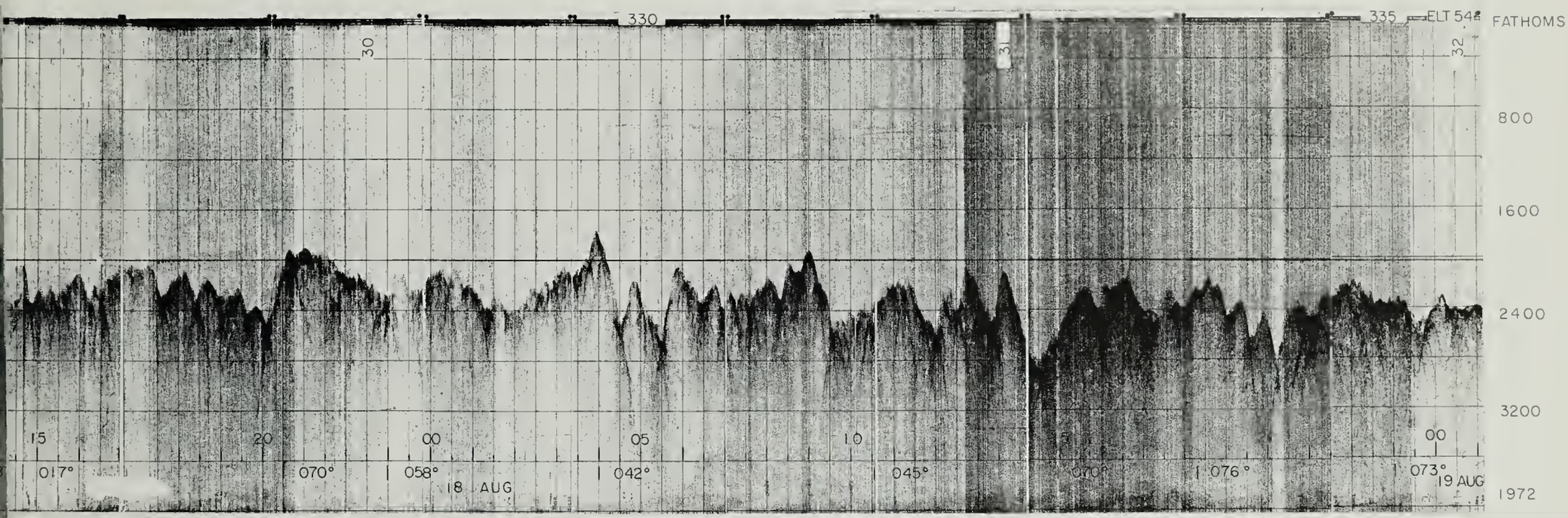
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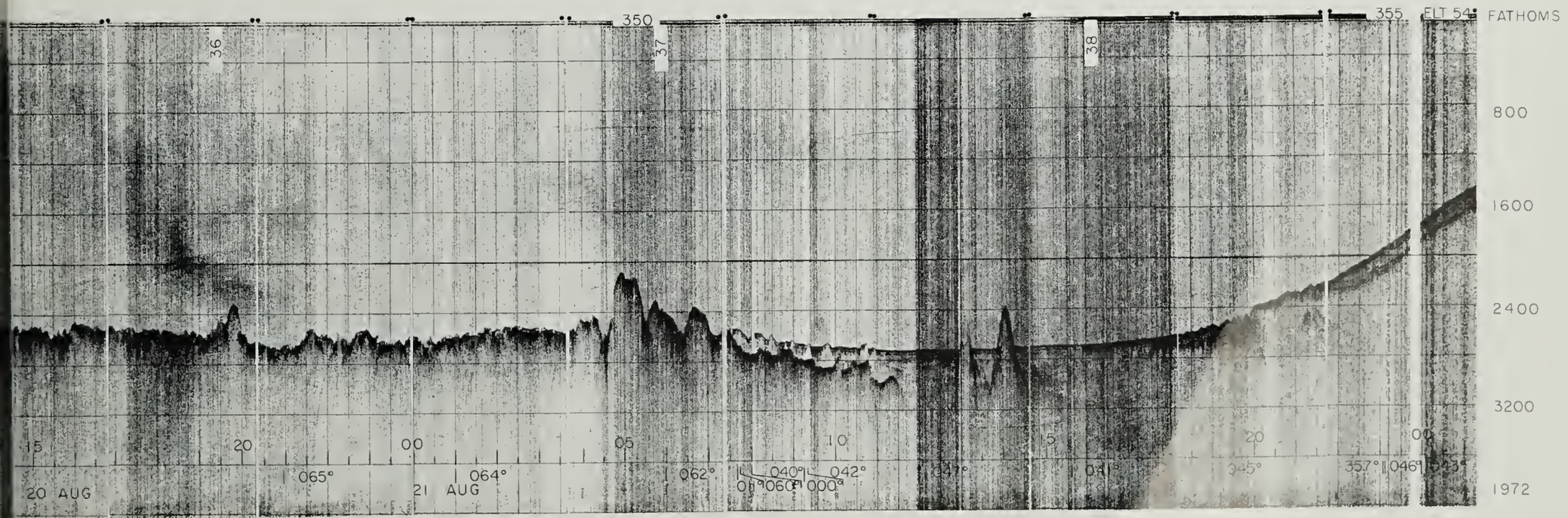
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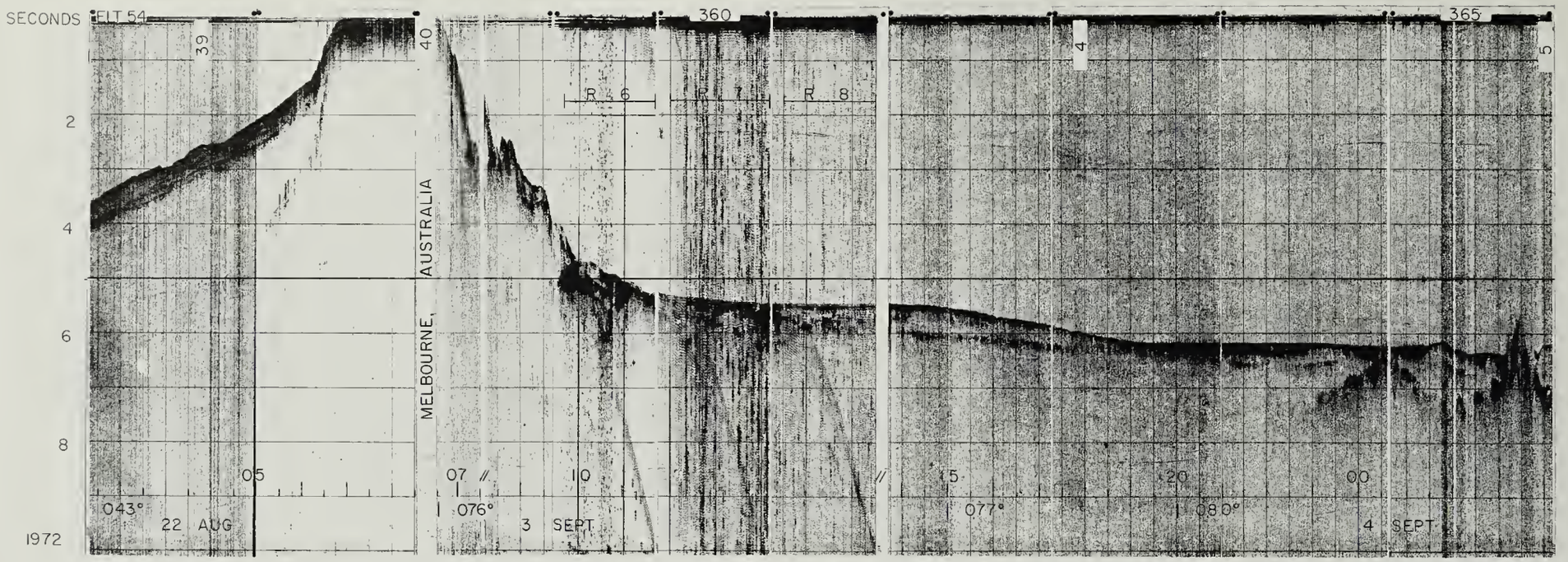
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R 7
R 8
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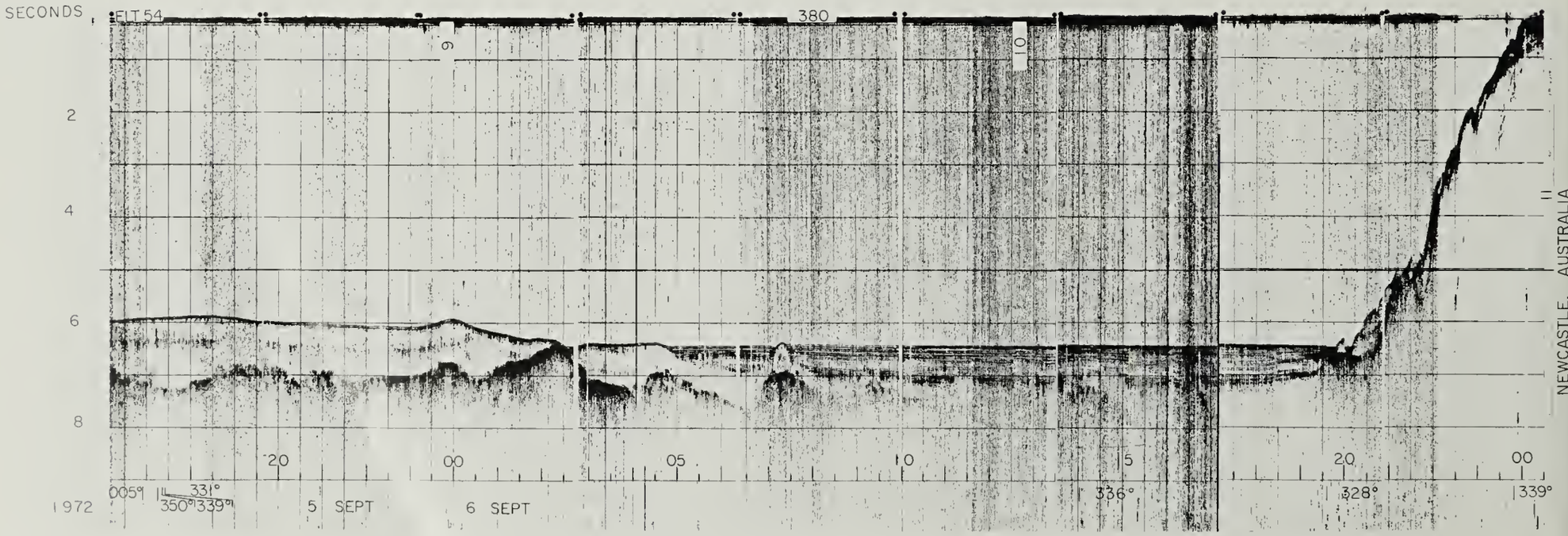
4 SEPT
1972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336°
328°
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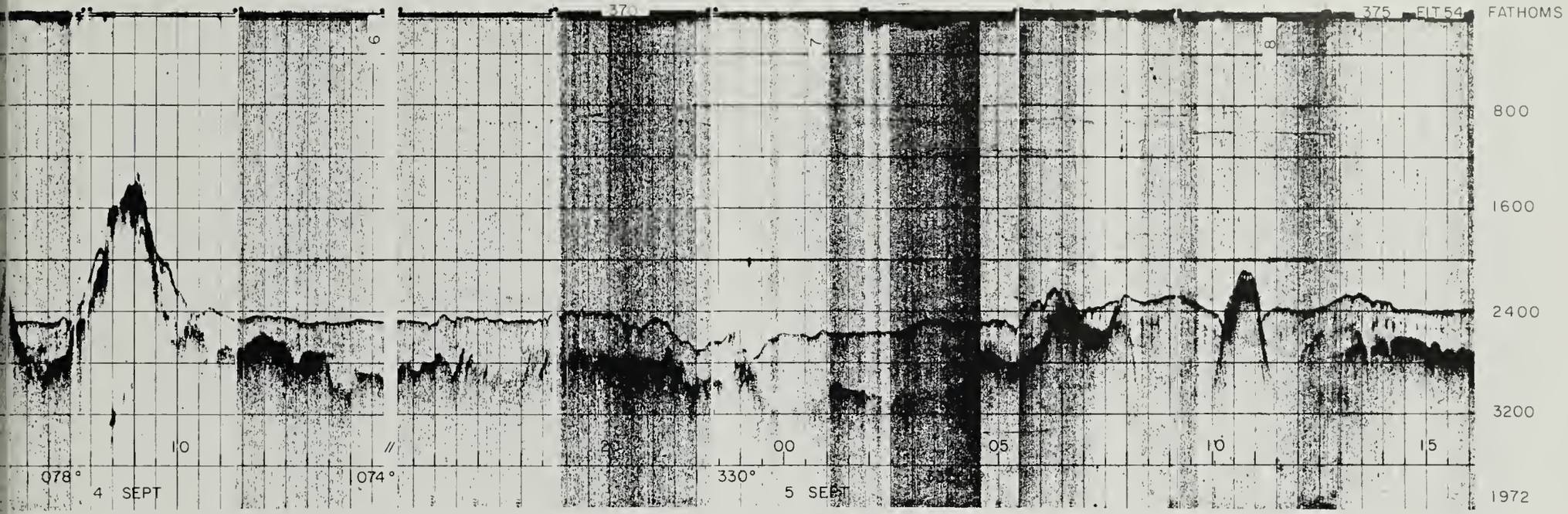
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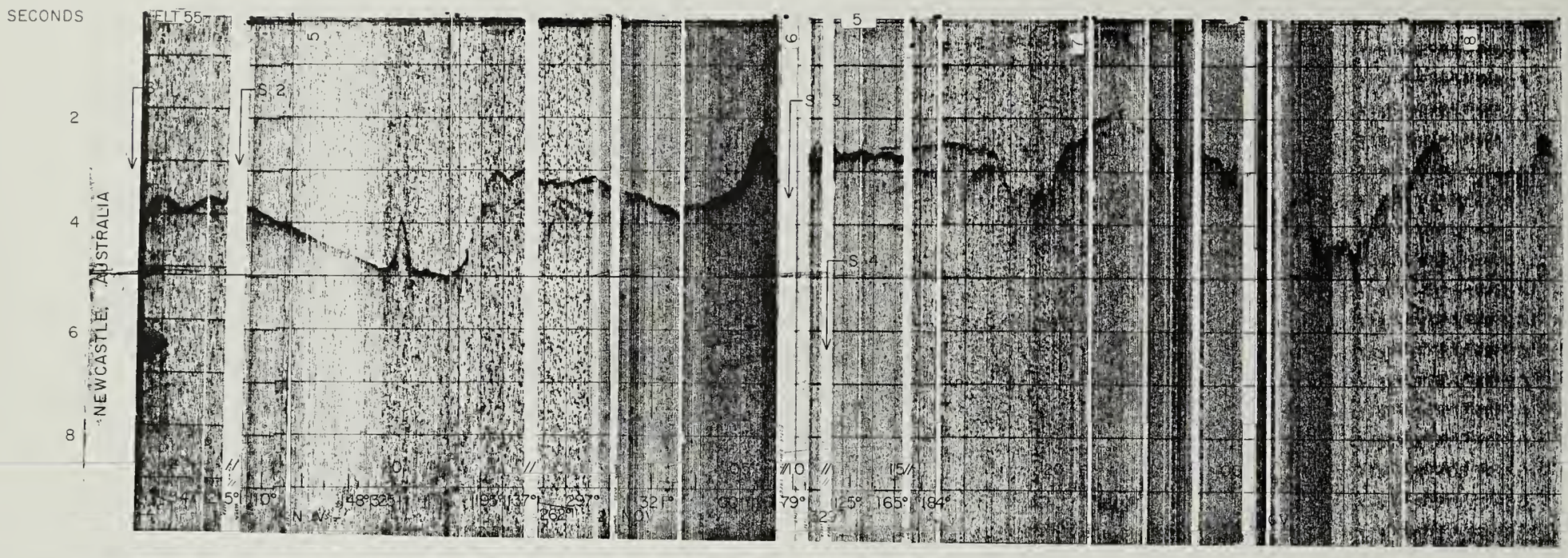
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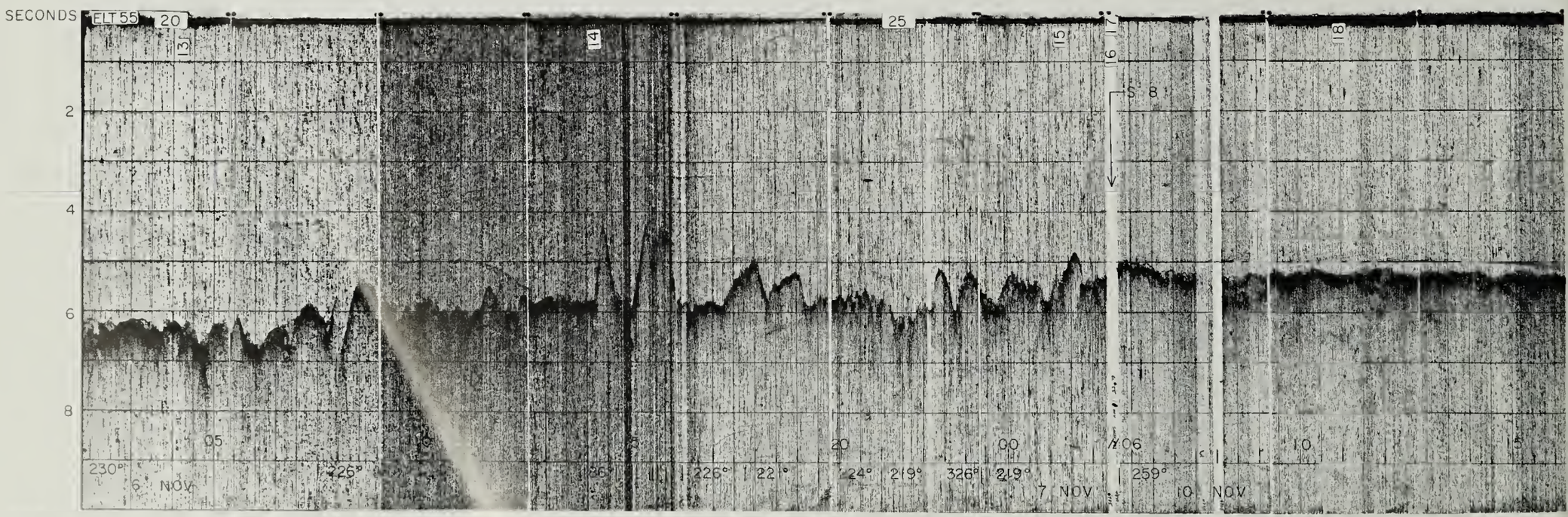
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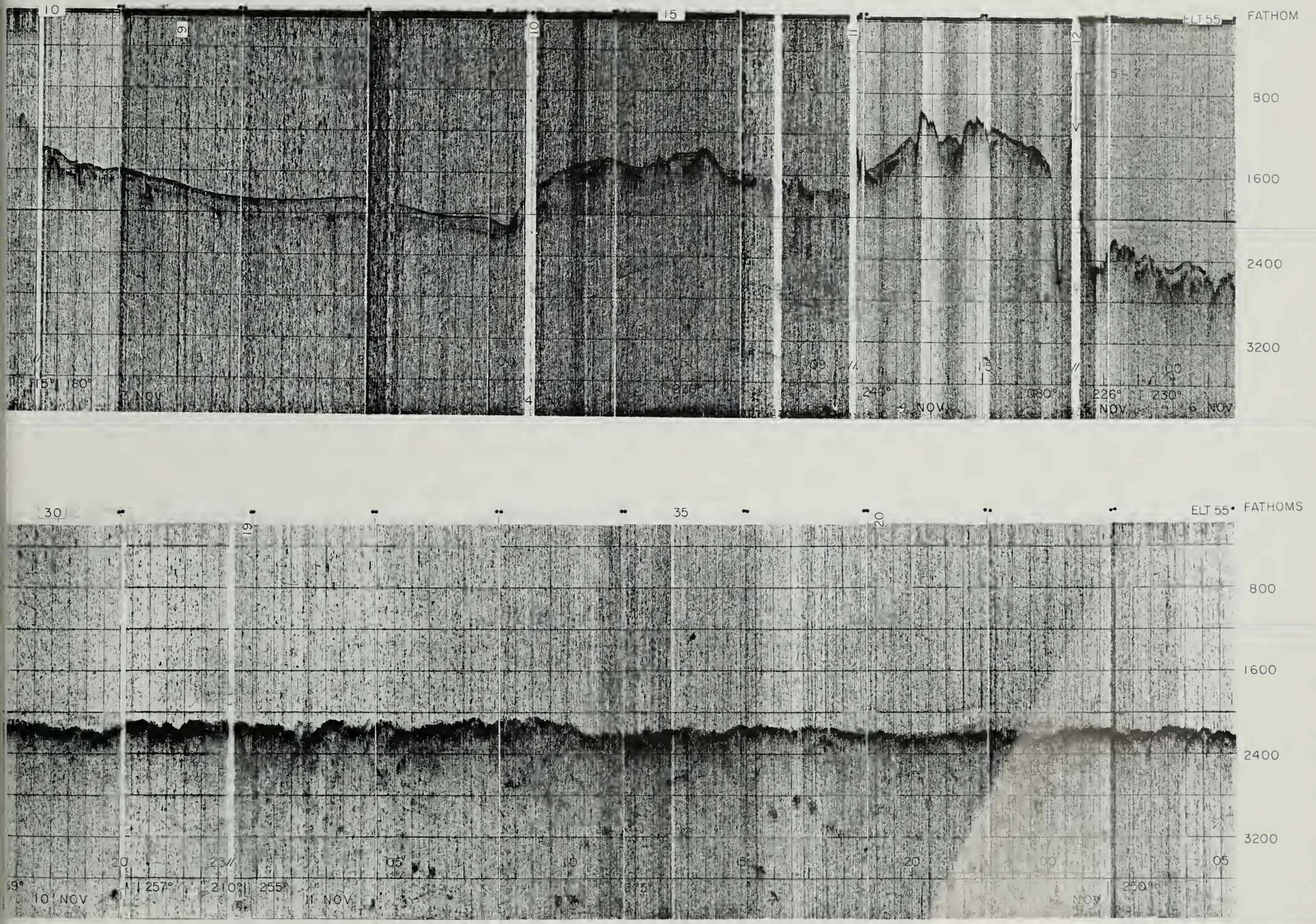
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ELT 55
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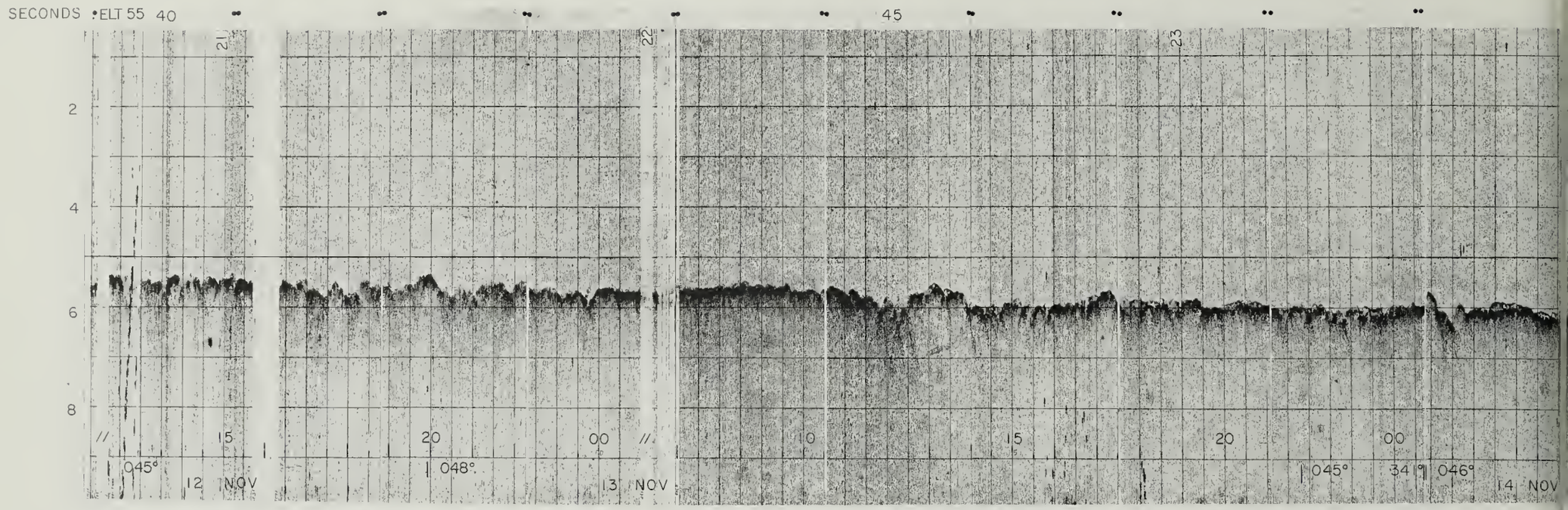
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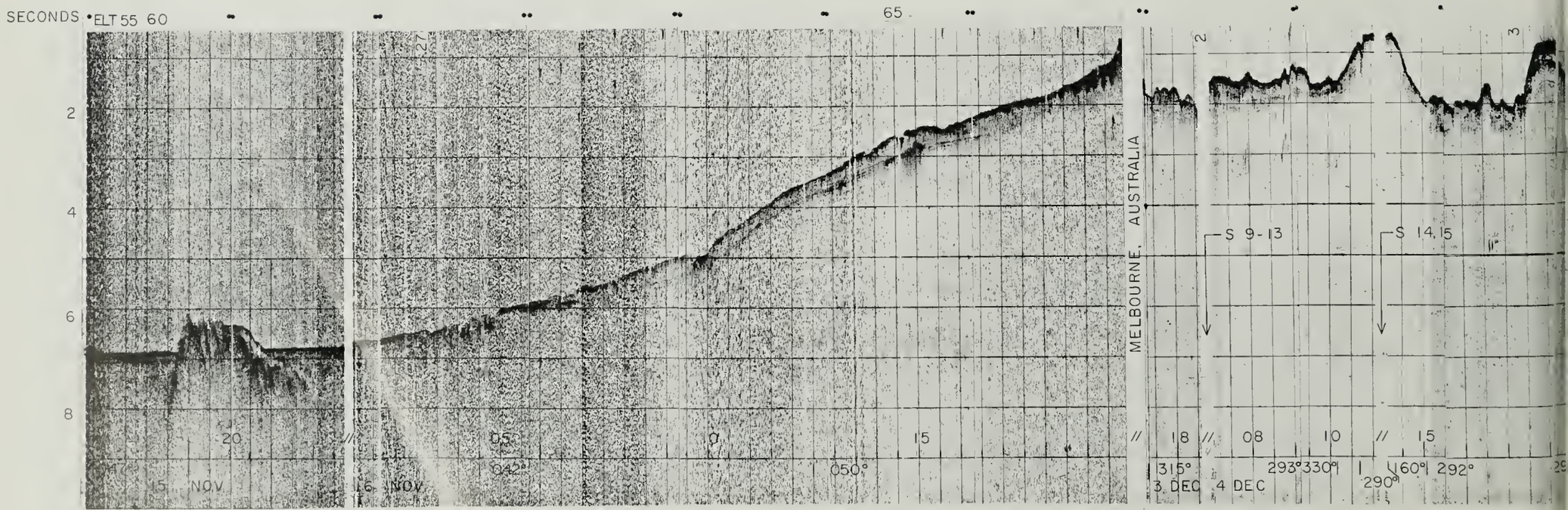
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15 NOV
16 NOV
042°
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MELBOURNE, AUSTRALIA
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S 14,15
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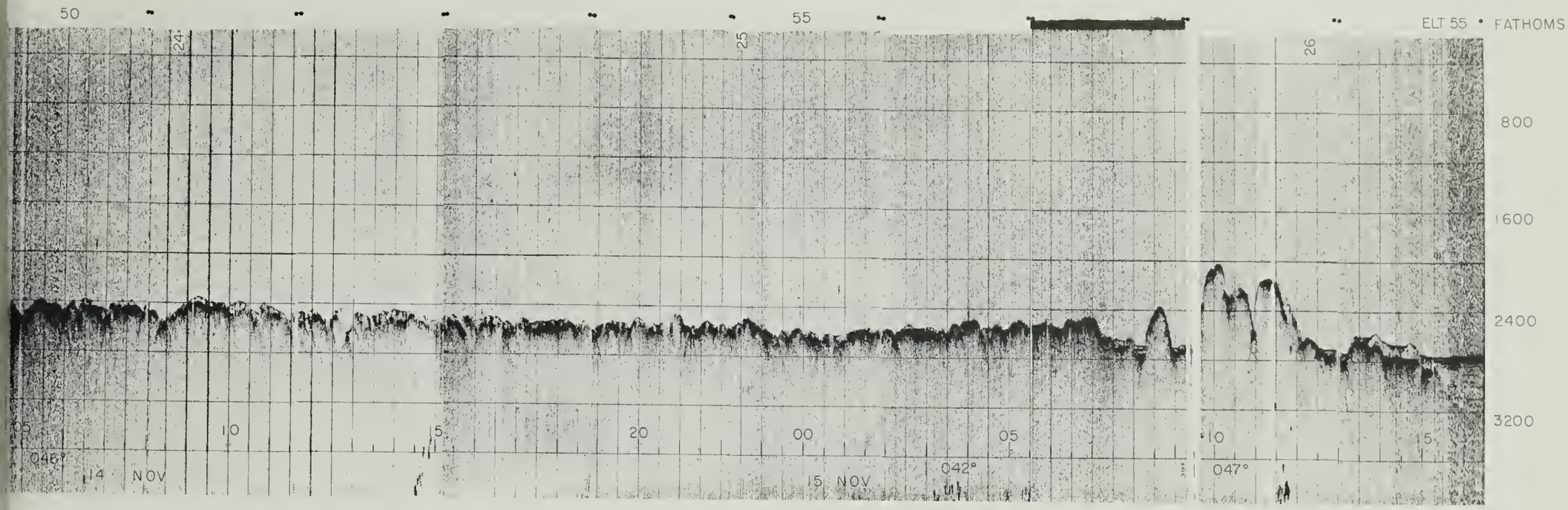
4 DEC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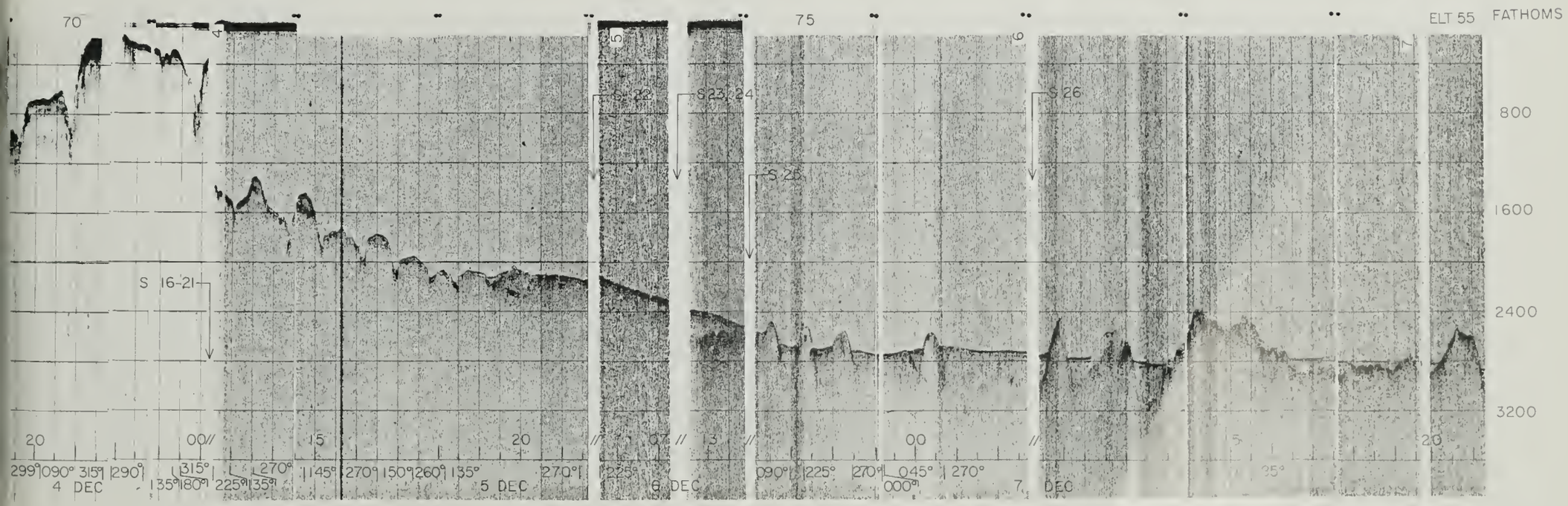
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S 16-21
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S 25
S 26
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315°
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180°
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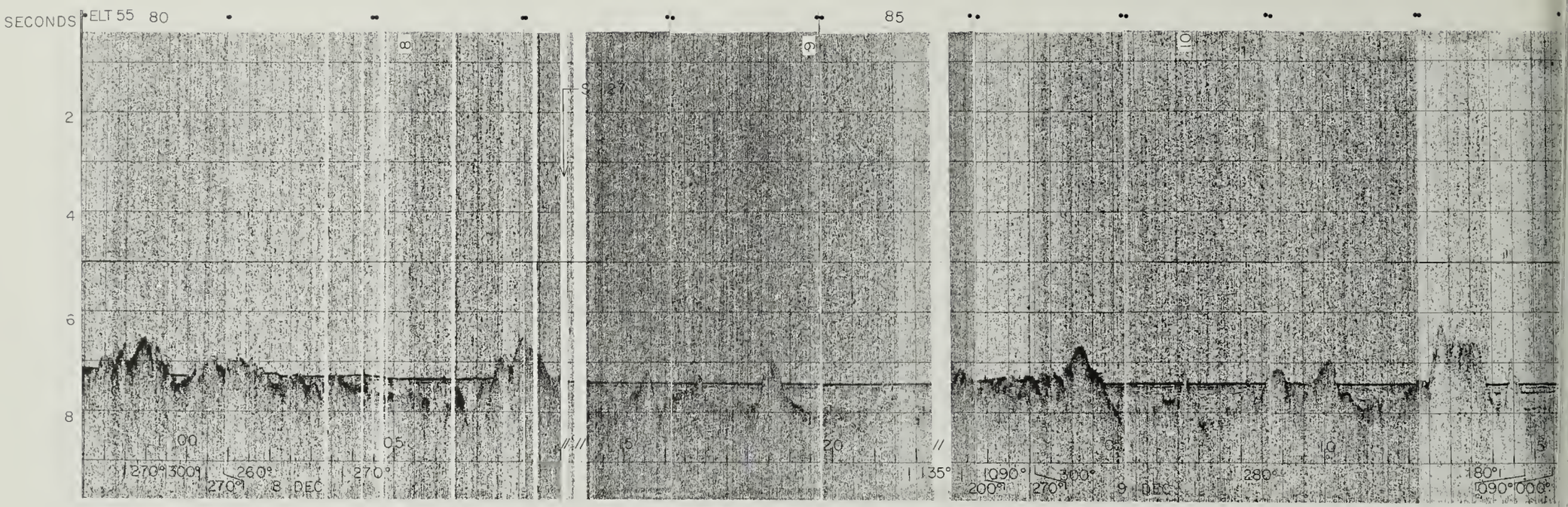
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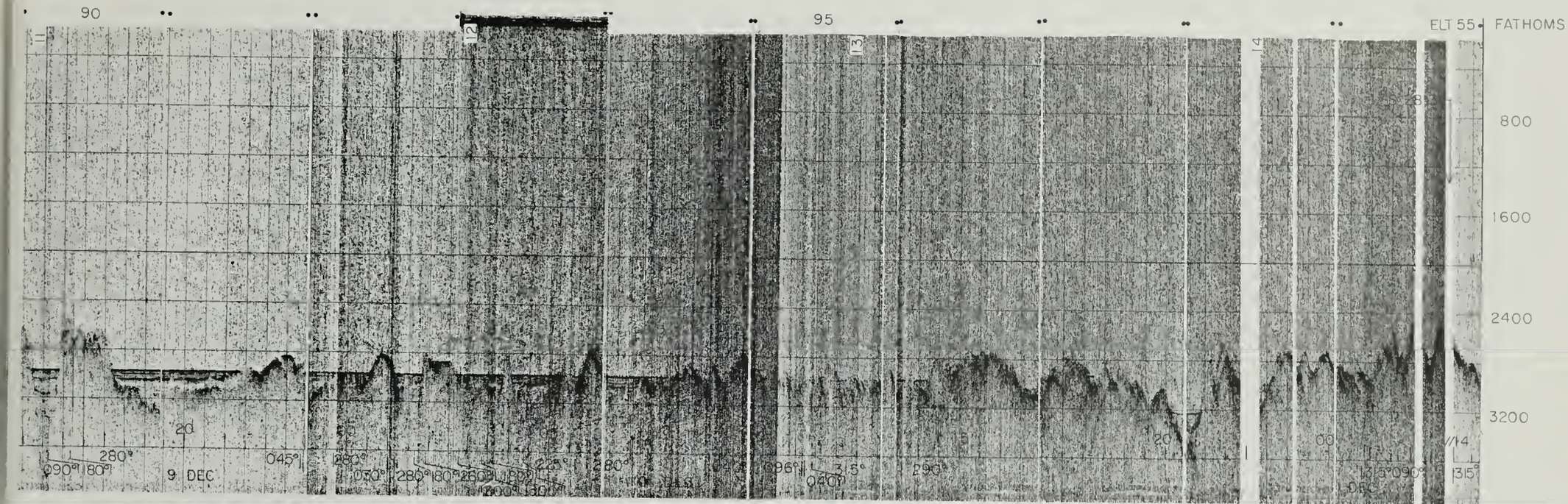
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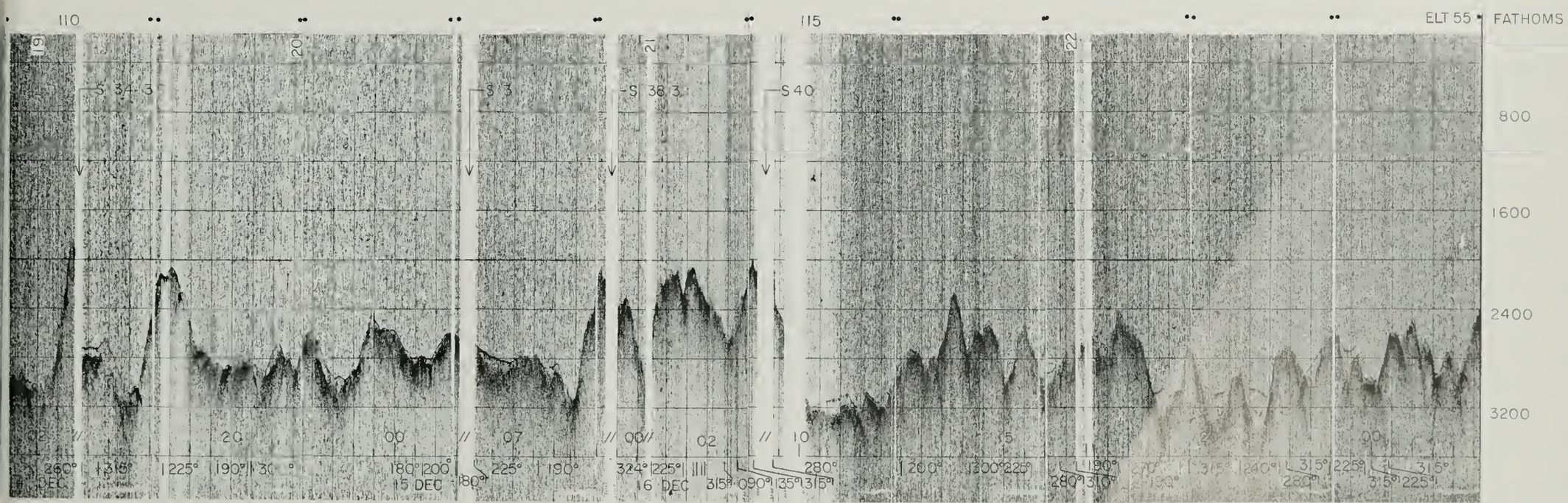
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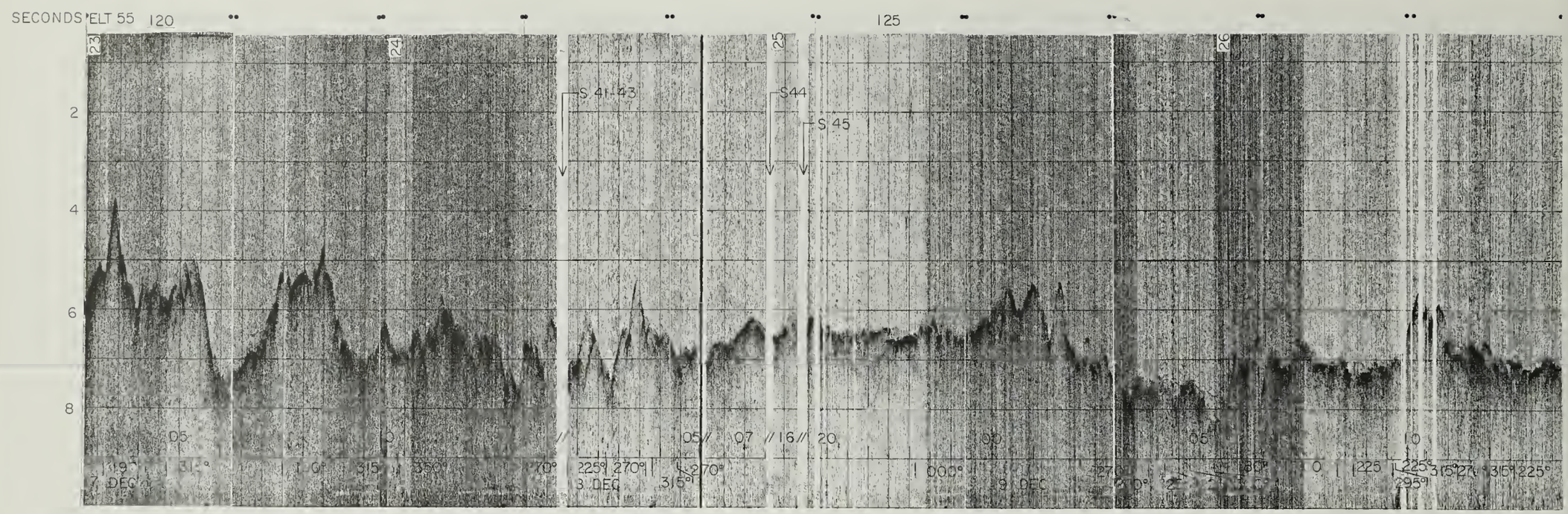
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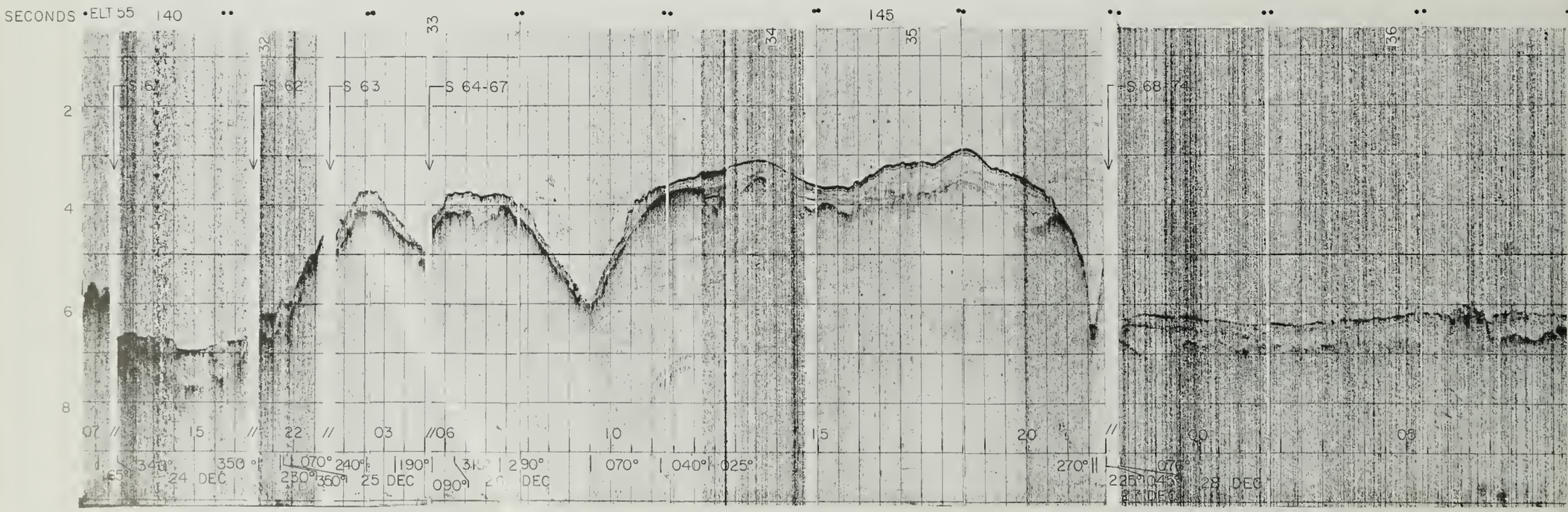
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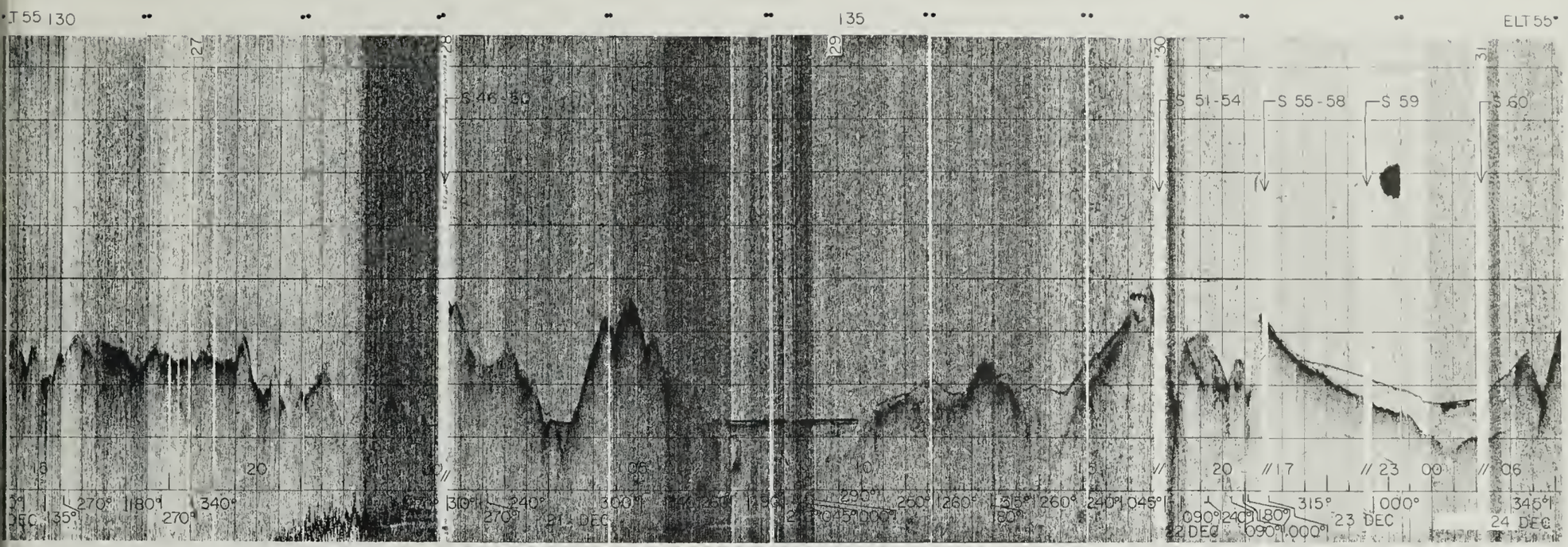

T 55 130
135
ELT 55
FATHOMS
S 46-50
S 51-54
S 55-58
S 59
S 60
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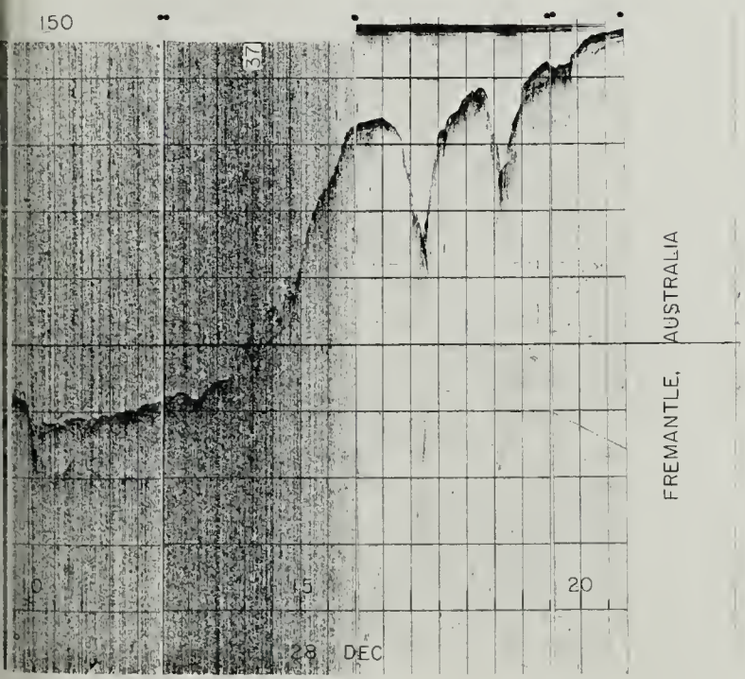
21 DEC
22 DEC
23 DEC
24 DEC



150
FREMANTLE, AUSTRALIA
28 DEC

APPENDIX

GRAVITY

Harbor Stations

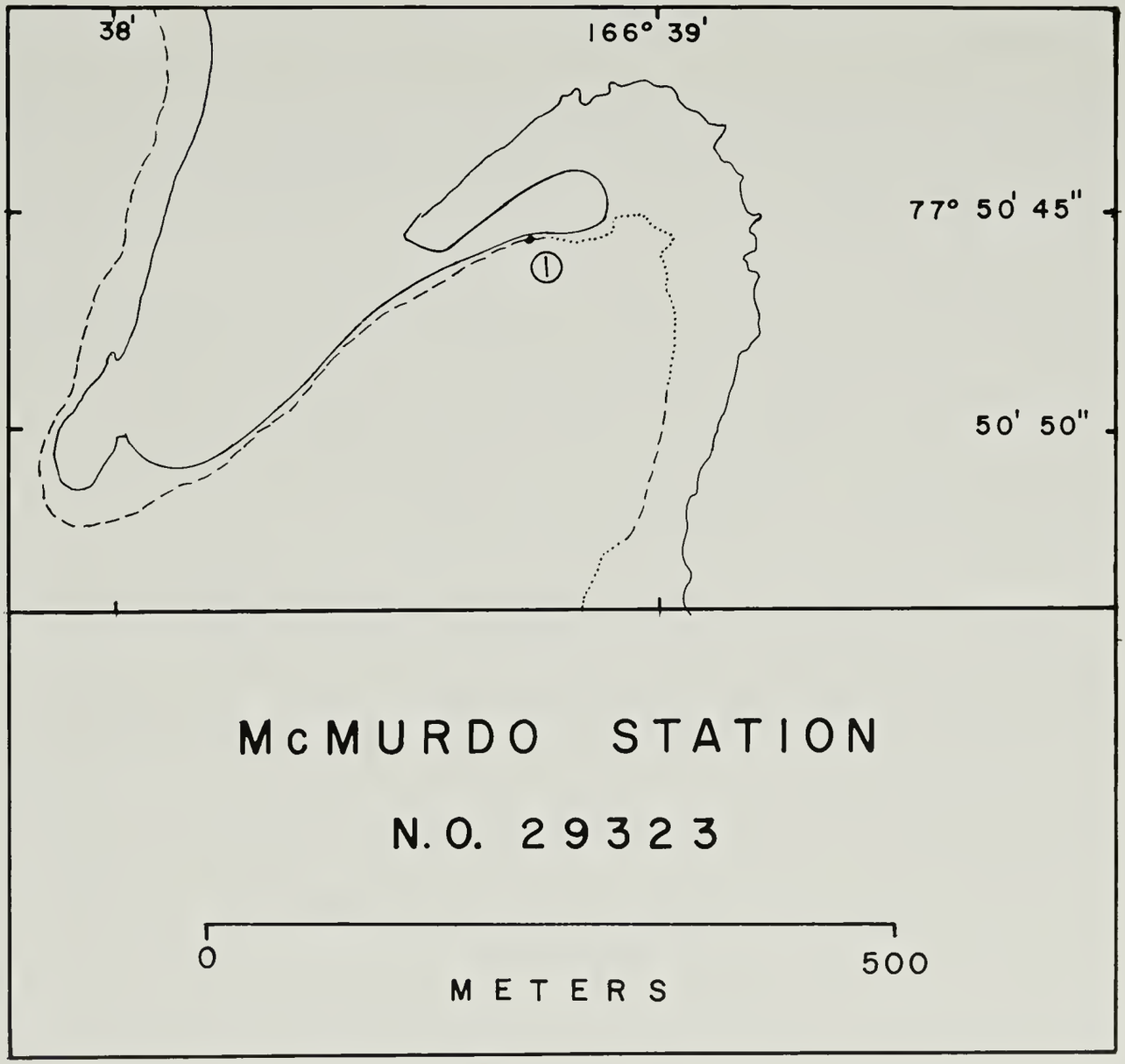
The position of the ship in water is indicated by a dot on the harbor charts. The quantity G_{DOCK} represents a gravity value obtained dockside, not by the sea gravimeter but by an independent tie with a land gravimeter from the dock to a known station.

Given on the harbor charts are identification numbers of the maps from which the harbor chart figures were traced. Note that N. O. numbers refer to the U. S. Naval Oceanographic Office's new numbering system effective as of March 1971.

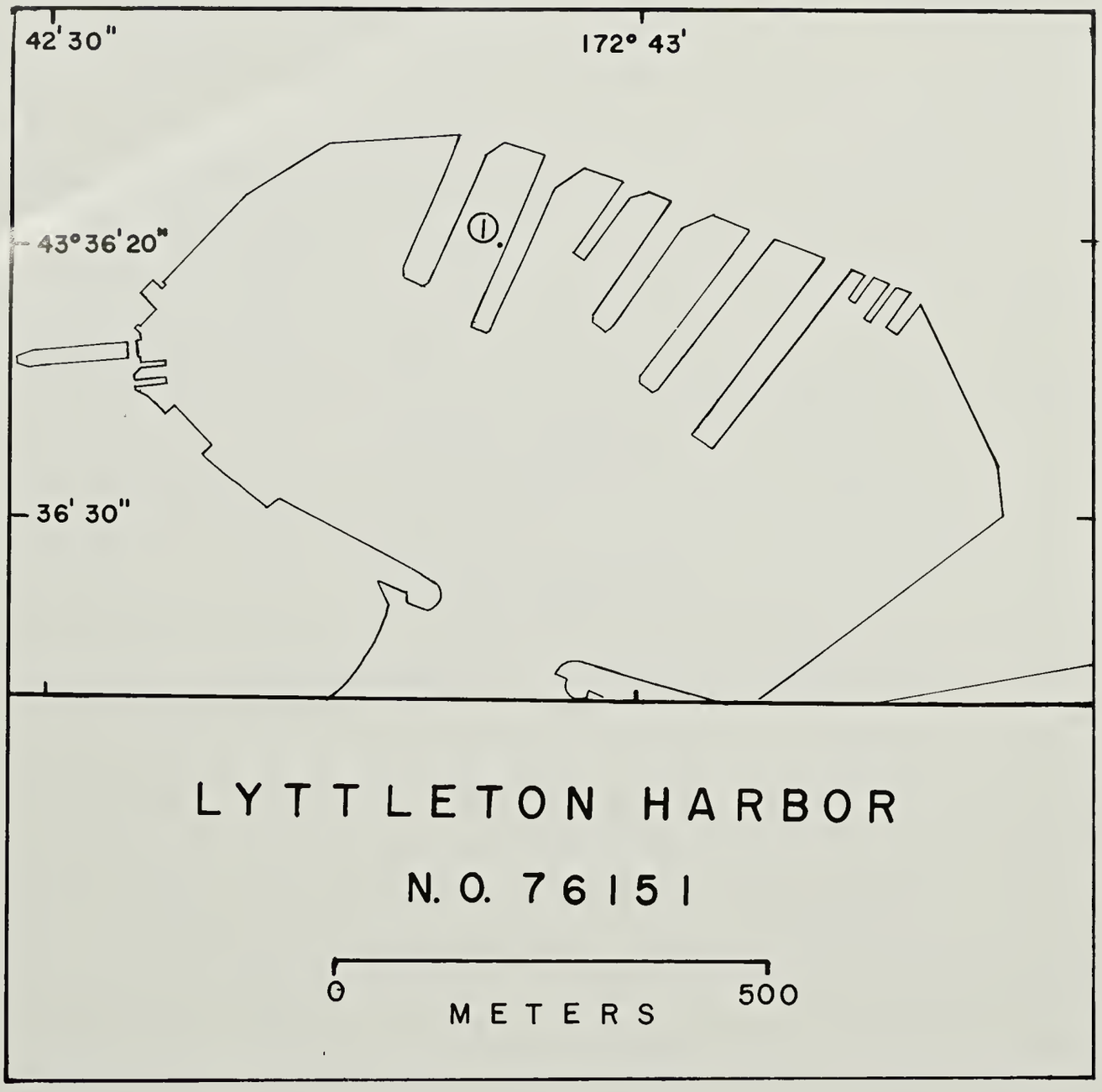
In the captions of the harbor chart figures, each base station to which a tie was made is indicated in the column BASE STATION TIE. The following abbreviations are used for the base station references:

W&R Woollard, George P., and John C. Rose, International Gravity Measurements, Madison, University of Wisconsin, 1963.

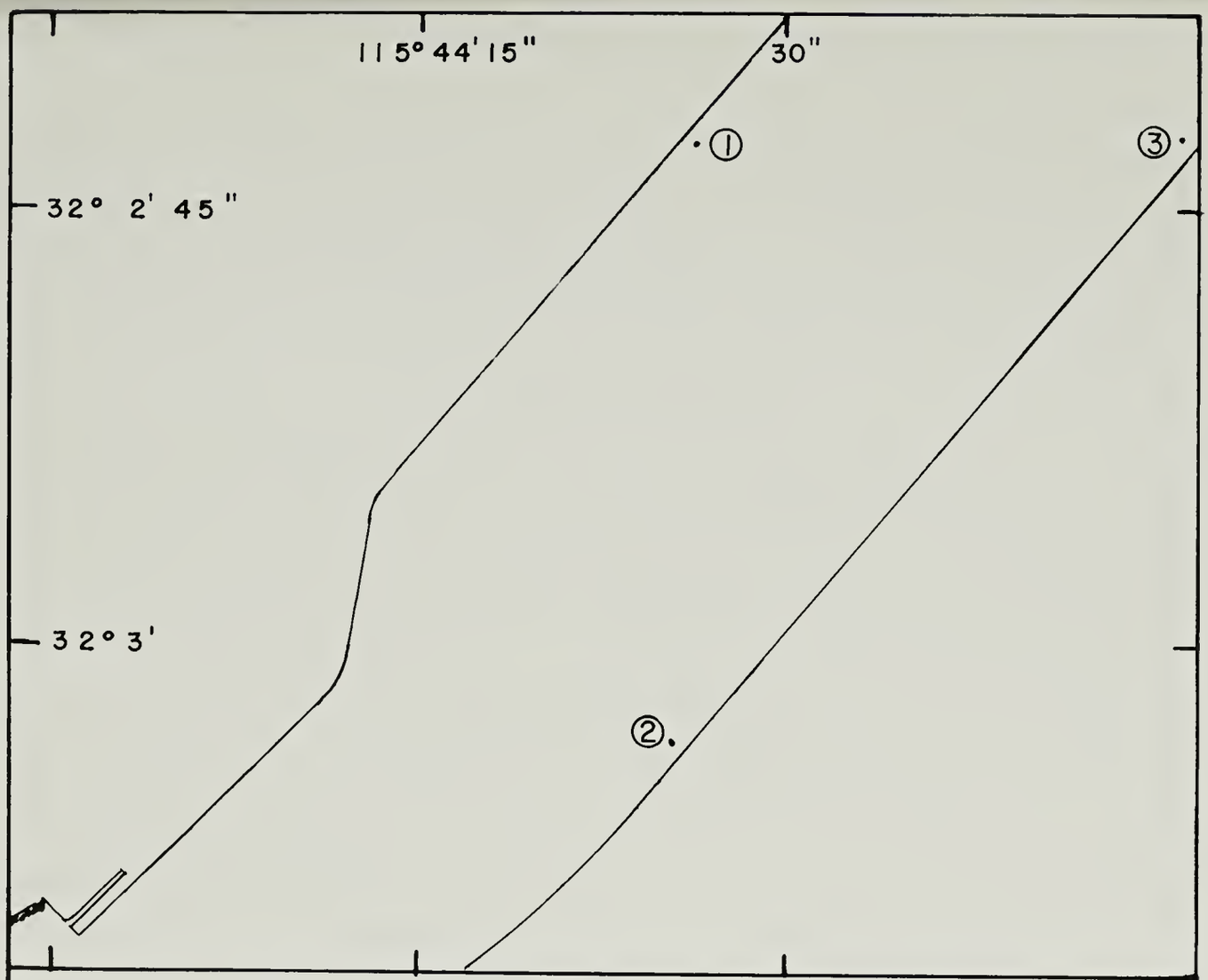
* Gravity values which are marked with an asterisk indicate that the value noted and used to calculate the G_{DOCK} is 0.8 mgals lower than that in the Woollard and Rose reference. This corresponds to the difference in the L-DGO values which were based on a value of 980.1180 at Washington, D. C., instead of the Woollard and Rose value of 980.1188.



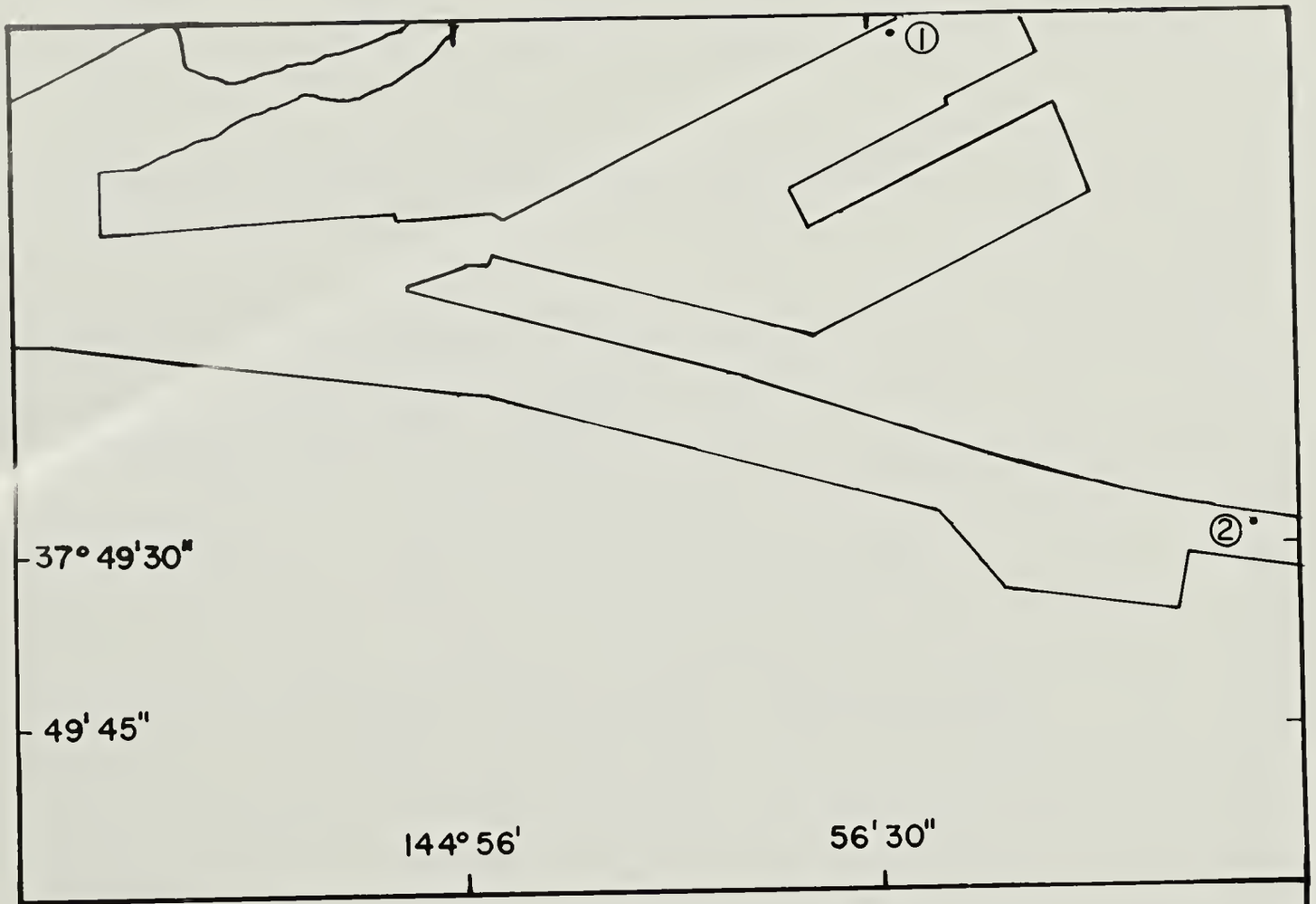
	LOCATION	LAT-LONG COORDINATES	SHIP & CRUISE	DATE	G_{DOCK}	BASE STATION TIE
①	Ice Wharf	77 50' 46." S 166 38' 43." E	EL 52 beg	27 Feb. '72	982.993	Dept. Scientific & Industrial Research Bulletin #140 Hatherton N.Z. IGY Antarctic Exp., Scott Base and Hallet Station 1961-Chapel Entrance G=982.9894



	LOCATION	LAT-LONG COORDINATES	SHIP & CRUISE	DATE	G_{DOCK}	BASE STATION TIE
①	West Side of Jetty #6	42 36' 20." S 172 42' 53." E	EL 52 end	28 Mar. '72	980.540	GW 79 G=980.5081* WA 3049 G=980.4954* (W & R p. 55 & 57)



	LOCATION	LAT-LONG COORDINATES	SHIP & CRUISE	DATE	G_{DOCK}	BASE STATION TIE
①	North Wharf Pier 7	32 02' 42.4" S 115 44' 36."E	EL 53 end	12 June '72	979.413 (a & b)	University of W. Australia G = 979.3950* G = 979. 3938* (W & R p. 54)
②	Victoria Quoy Shed D	32 03' 02.3"S 115 44' 26."E	EL 54 end	29 July '72	979.413 (a & b)	same as above
③	Victory Quay Shed H	32 02' 42.5" S 115 44' 46.5" E	EL 55A end	29 Dec. '72	979.413	University of W. Australia G=979.3950*(W & R.p.54)



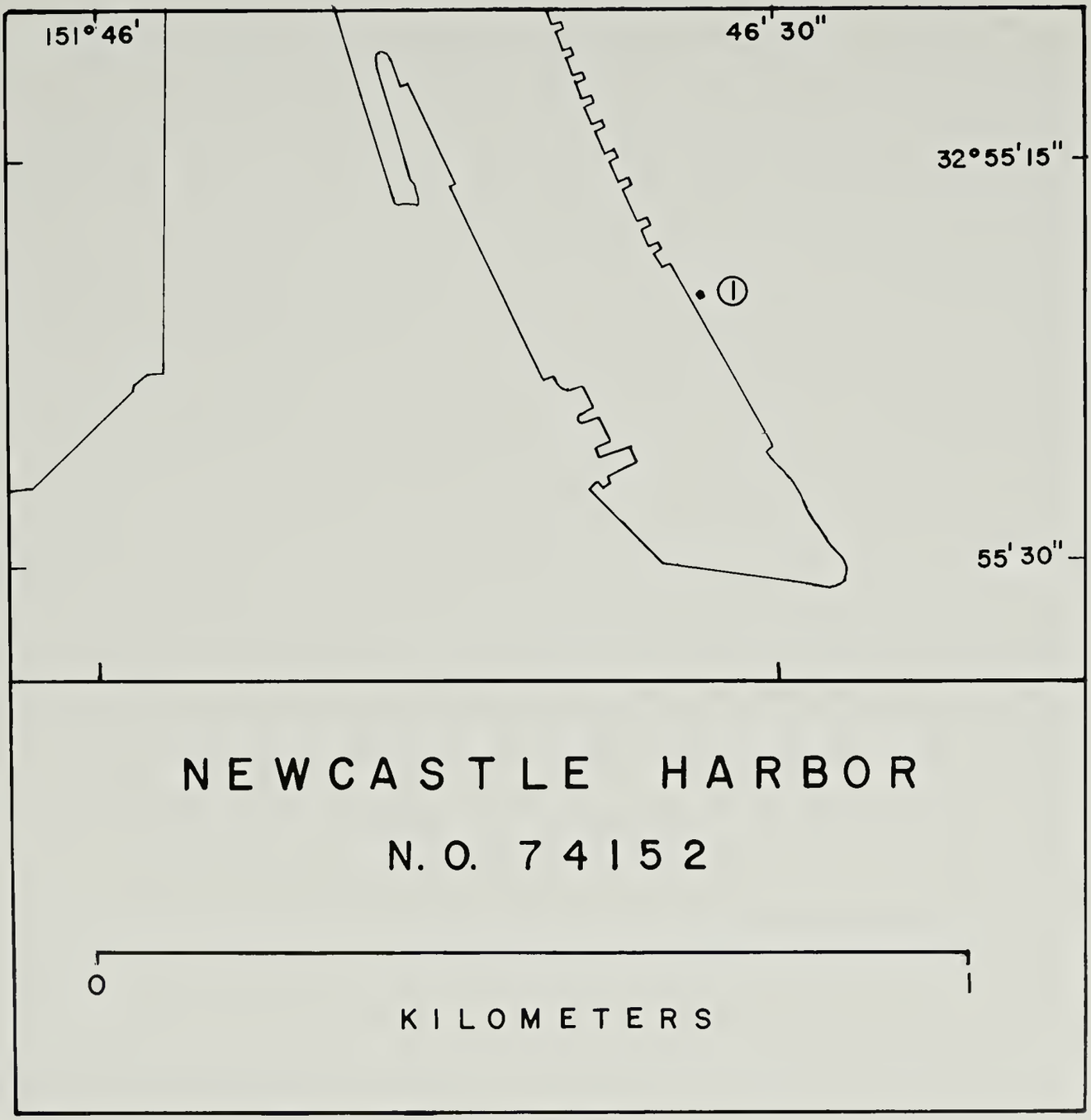
HOBSONS BAY
MELBOURNE

N.O. 75175

0 1

KILOMETERS

	LOCATION	LAT-LONG COORDINATES	SHIP & CRUISE	DATE	G_{DOCK}	BASE STATION TIE
①	Victoria Dock Berth# 17	37 49' 02." S 144 56' 27." E	EL 54A end	23 Aug. '72	979.988	GW83 G=979.9789* (W & R p. 54)
②	Australian Wharf# 4	37 49' 31." S 144 56' 49." E	EL 55 end	19 Nov. '72	979.987	WA 3028 G=979.962* (W & R. p. 44)



	LOCATION	LAT-LONG COORDINATES	SHIP & CRUISE	DATE	G_{DOCK}	BASE STATION TIE
①	State Dockyard Berth #3	32 55' 20." S 151 46' 27." E	EL 55 beg. 27 Oct. '72		979.579	BMR STATION 7090-9402 G=979.58225

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